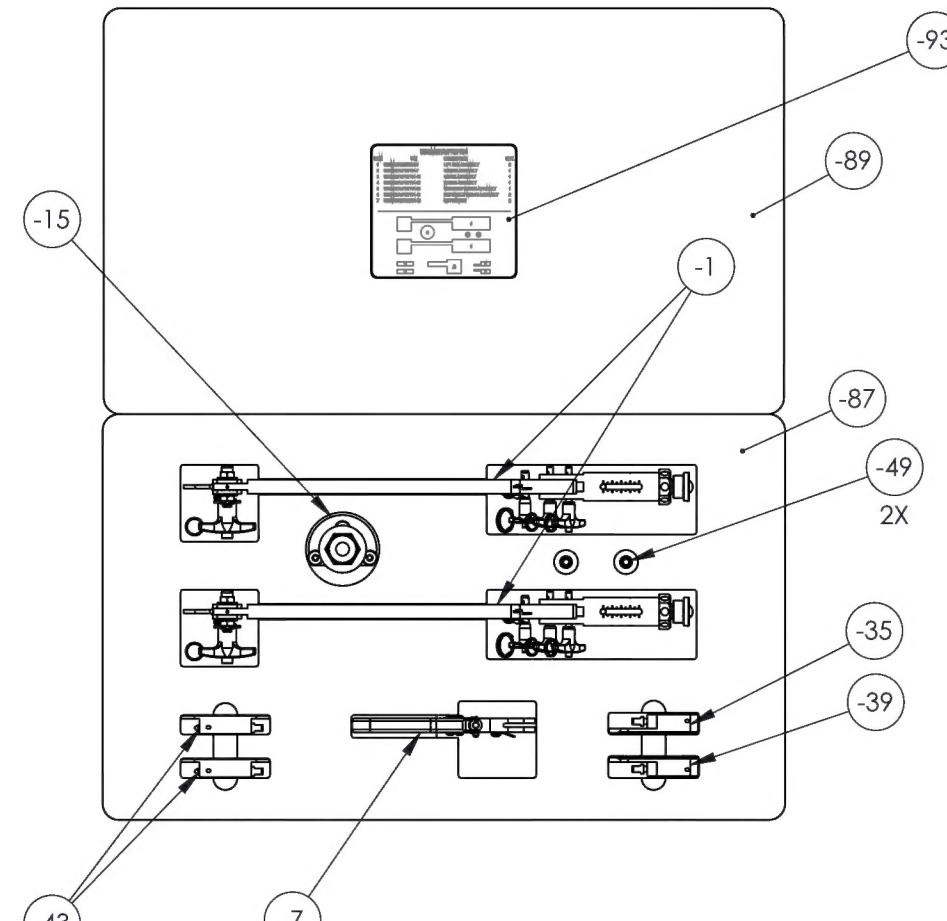


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ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.									
								X		-1	2	LIFT ARM ASSY.		2		
									1	-3	LONG LIFT ARM	1018/1020 CR		3		
									1	-5	LIFT ARM	1018/1020 CR		4		
								X		-7	1	HANDLE ASSY.		5		
									1	-9	HANDLE	6061		6		
									1	-11	HANDLE PIVOT	4140/4142		7		
									1	-13	HANDLE HINGE	A36/1018/1020 HR		8		
								X		-15	1	GAUGE ASSY		9		
									1	-17	GAUGE	1018/1020 CR		10		
									1	-19	NUT 423	1018/1020 CR		11		
									1	-21	GAUGE PIN	1018/1020 CR		12		
								X	3	-23	GAUGE KNOB ASSY			13		
									1	-25	GAUGE KNOB	A36/1018/1020 HR		14		
								X		-27	LONGER GAUGE ASSY			15		
									1	-29	LONGER GAUGE	1018/1020 CR		16		
									1	-31	NUT 325	1018/1020 CR		17		
									1	-33	LONGER GAUGE PIN	1018/1020 CR		18		
								X		-35	1	WEDGE ASSY		19		
									1	-37	WEDGE	6061		20		
								X		-39	1	MIRRORED WEDGE ASSY		21		
									1	-41	MIRRORED WEDGE	6061		22		
								X		-43	2	RECTANGLE WEDGE ASSY		23		
									1	-45	RECTANGLE WEDGE	6061		24		
									1	-47	PIN	S.S.		25		
									1	-49	2	NUT HANDLE	S.S.	26		
									1	B/O	-51	DOWEL PIN	STEEL	ØM6 X 26mm (MCMASTER-CARR #91595A461)	9	
									1	B/O	-53	DOWEL PIN	STEEL	ØM6 X 30mm (MCMASTER-CARR #91595A467)	15	
									1	B/O	-55	HEX HEAD CAP SCREW	STEEL	AN6-11	2	
									2	B/O	-57	FLAT WASHER	STEEL	Ø3/8 (MCMASTER-CARR #98023A031)	2	
									1	B/O	-59	COTTER PIN	STEEL	Ø3/32 X 3/4 (MCMASTER-CARR #98338A135)	2	
									1	B/O	-61	SLOTTED LOCKNUT	STEEL	3/8-24 (MCMASTER-CARR #95030A160)	2	
									1	2	B/O	-63	TAB	S.S.	(MCMASTER-CARR #97840A460)	2,5
									1	2	B/O	-65	PAN HEAD MACHINE SCREW	S.S.	#10-32 X 5/16 (MCMASTER-CARR #91735A824)	2,5
									1	B/O	-67	CLEVIS PIN	STEEL	Ø1/4 X 2-9/16 USABLE (MCMASTER-CARR #98306A173)	5	
									2	B/O	-69	FLAT WASHER	STEEL	Ø1/4 AN-960-416	5	
									1	B/O	-71	COTTER PIN	STEEL	Ø3/32 X 1/2 (MCMASTER-CARR #98338A130)	5	
									8	B/O	-73	BUTTON HEAD CAP SCREW	STEEL	#10-32 X 1/4 (MCMASTER-CARR #91306A352)	5	
									1	B/O	-75	QUICK RELEASE PIN	S.S.	ØM12 X 25mm USABLE (MCMASTER-CARR #93680A410)	2	
									1	B/O	-77	ALL THREAD	S.S.	M6 X 1 X 30mm (MCMASTER-CARR #98863A255)	13	
									1	B/O	-79	SLOTTED SPRING PIN	STEEL	M2 X 12mm (MCMASTER-CARR #91611A105)	2	
									2	B/O	-81	BALL LOCK PIN	S.S.	Ø6mm X 1.18 USABLE (CARR LANE #CLM-6-BLPT-30-S)	2	
									1	B/O	-83	BALL LOCK PIN T HANDLE	S.S.	ØM8 X 20mm (CARR LANE #CLM-8-BLPT-20-S)	13	
									1	1	B/O	-85	STUD-MOUNTED BALL TRANSFER	STEEL	Ø5/8 BALL (MCMASTER-CARR #6460K21)	9,15
										B/O	-87	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	7.26 X 16.29 X 28.44 (CASE SOLUTIONS)	27
										B/O	-89	1	LID FOAM	ETHAFOAM 220, BLACK	1.77 X 16.90 X 28.35 (CASE SOLUTIONS)	28
										B/O	-91	1	CASE	PLASTIC	PELICAN #APP-1670-E	N/S
											-93	1	INSIDE PLACARD	PLASTIC		29
1	1	1						1	4	B/O	-95	LANYARD	COATED STEEL	Ø1/16 X 12 (CARR LANE #CL-2-C)	N/S	
2	2	2						2	8	B/O	-97	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)	2,7,19,21,23	
								1		B/O	-99	REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	N/S	
									B/O		1	PLACARD	ALUMINUM	RB41011	N/S	
ASSY -41	ASSY -39	ASSY -35	ASSY -27	ASSY -23	ASSY -15	ASSY -7	ASSY -1									

REVISIONS			
REV	ECR	DESCRIPTION	DATE
1		RELEASED FOR PRODUCTION.	7/14/2016
2	16-0174	<p>-3 CH'D DIM WAS (12.000) IS 4.22, WAS 1.425 IS 1.43, WAS .960 IS 1.068, WAS 40° IS 43°; ADDED DIM FULL R: CH'D NOTE WAS INK STAMP "RBE7210U7107104-1" IS LASER ENGRAVE "RBE7210U7107104-1". -5 CH'D DIM WAS 1.185 IS 1.190; ADDED DIM 1.68, .30. -19 ADDED DIM 3X .24. -21 CH'D DIM WAS Ø.2370/2368 THRU ALL S.F. -51 IS Ø.2376/2371 THRU ALL (S.F. -51). WAS 1/4-20 UNC-2B Ø .5 V. Ø .36 X 82°; ADDED DIM .03 X 45° TYP. -23 ADDED FINISH, SPEC, & NOTE △ . -25 REMOVED FINISH & SPEC. -29 CH'D DIM WAS .705 IS (.705); ADDED DIM 3X 3.16. -31 ADDED DIM 3X .24. -33 CH'D DIM WAS .2370/2368 THRU ALL S.F. -53 IS .2376/2371 THRU ALL (S.F. -53). WAS 1/4-20 UNC-2B Ø .75 IS 1/4-20 UNC-2B Ø .75 V. Ø .39 X 90°; ADDED DIM .03 X 45° TYP. -37 ADDED "ENGRAVE T/N" NOTE; CH'D DIM WAS 2.125 IS (2.130). WAS .800 IS .83, WAS 5.05 IS 5.15; REMOVED DIM 1.886. -41 ADDED "ENGRAVE T/N" NOTE; CH'D DIM WAS 2.125 IS (2.130). WAS .800 IS .83, WAS 5.05 IS 5.15; REMOVED DIM 1.886. -45 ADDED "ENGRAVE T/N" NOTE; CH'D DIM WAS 1.99 IS 1.90, WAS 5.428 IS 5.43, WAS 12.000 IS .75 WAS 183.2568° IS 90°; REMOVED DIM 12.000, 12.000, 5X R.03. -87 CH'D DIM WAS 16.29 IS 16.90, WAS Ø.609 IS Ø.613, WAS 4.37 IS 3X 4.37, WAS Ø.484 IS Ø.499, WAS Ø.381 IS Ø.396, WAS Ø.508 IS Ø.518, WAS 2X 2.61 IS 2X 2.66, WAS 2X 3.61 IS 2X 3.56 WAS 4X 4.47 IS 2X 4.47; REMOVED DIM 2X 22.67, 2.34, 3.89; CH'D MATERIAL WAS Y20 BLACK IS ETHAFOAM 220, BLACK. -89 CH'D MATERIAL WAS Y20 BLACK IS ETHAFOAM 220, BLACK. -93 CH'D TEXT WAS GAUGE ASSEMBLY IS GAUGE ASSEMBLY, WAS RBEM821U7107104 IS RBEM721U7107104.</p>	10/18/2016

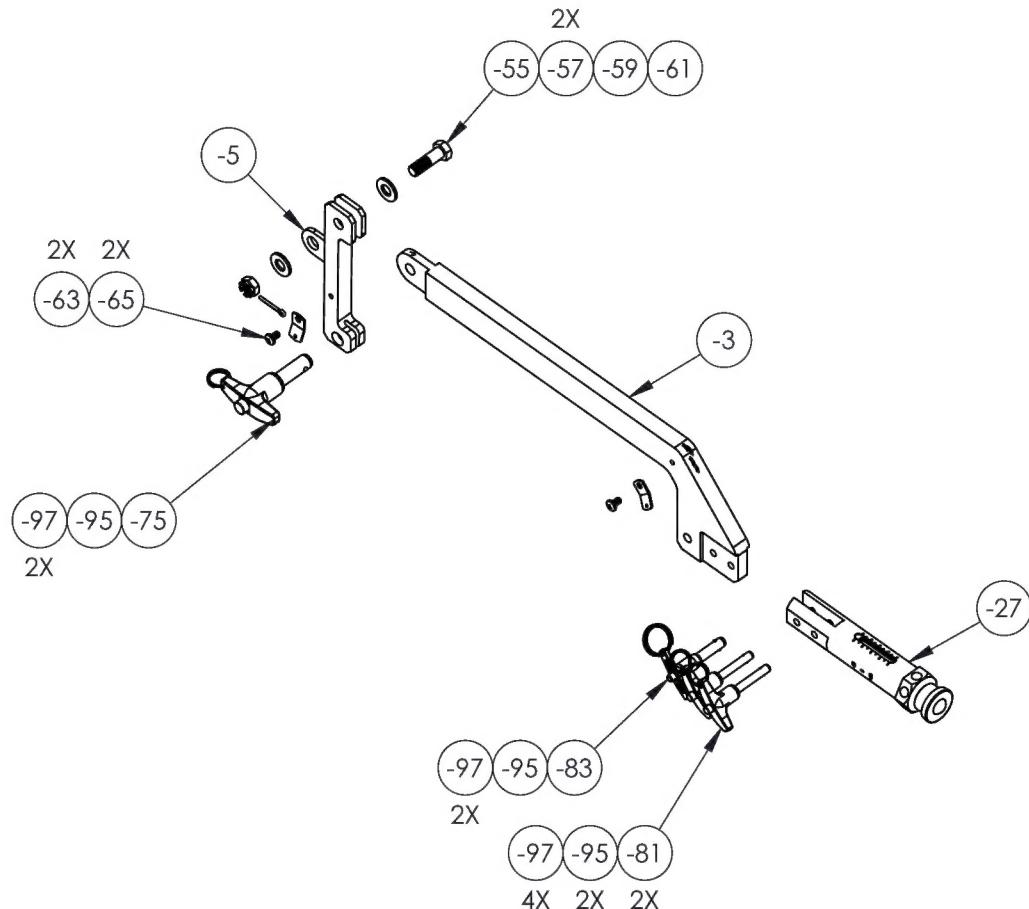


NOTE:
REF. AIRBUS T/N M721U7107104.

TITLE		REV
ENGINE MOVING DEVICE		2
DWG NO.	RBEM721U7107104	
MATERIAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
		.XXX ± .005 FRACTIONS ± 1/8
		.XX ± .01 ANGLES ± 5°
		X ± .1 SURFACES = 125
SPEC		
1. BREAK ALL SHARP EDGES		
.015 x 45° OR .015R		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
DRAWN BY:	CLOUGH	
CHECKED:	DUERFELDT	
OPPS APPR:	ANDERSON	
QA APPR:	LINDSAY	
APPROVED:	GILBERT	
SCALE	1:8	DATE 3/17/2016
SHEET 1 OF 29		

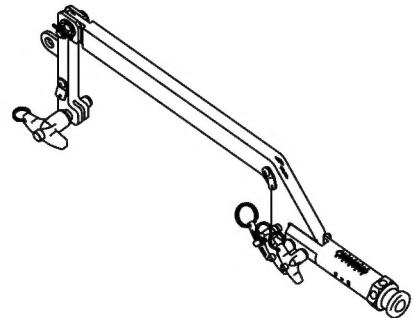
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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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LIFT ARM ASSY

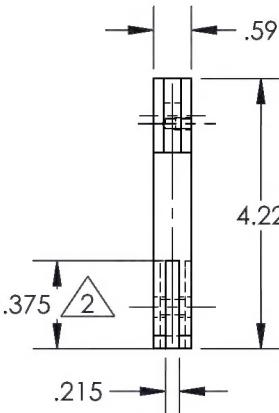
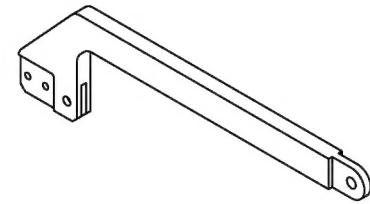
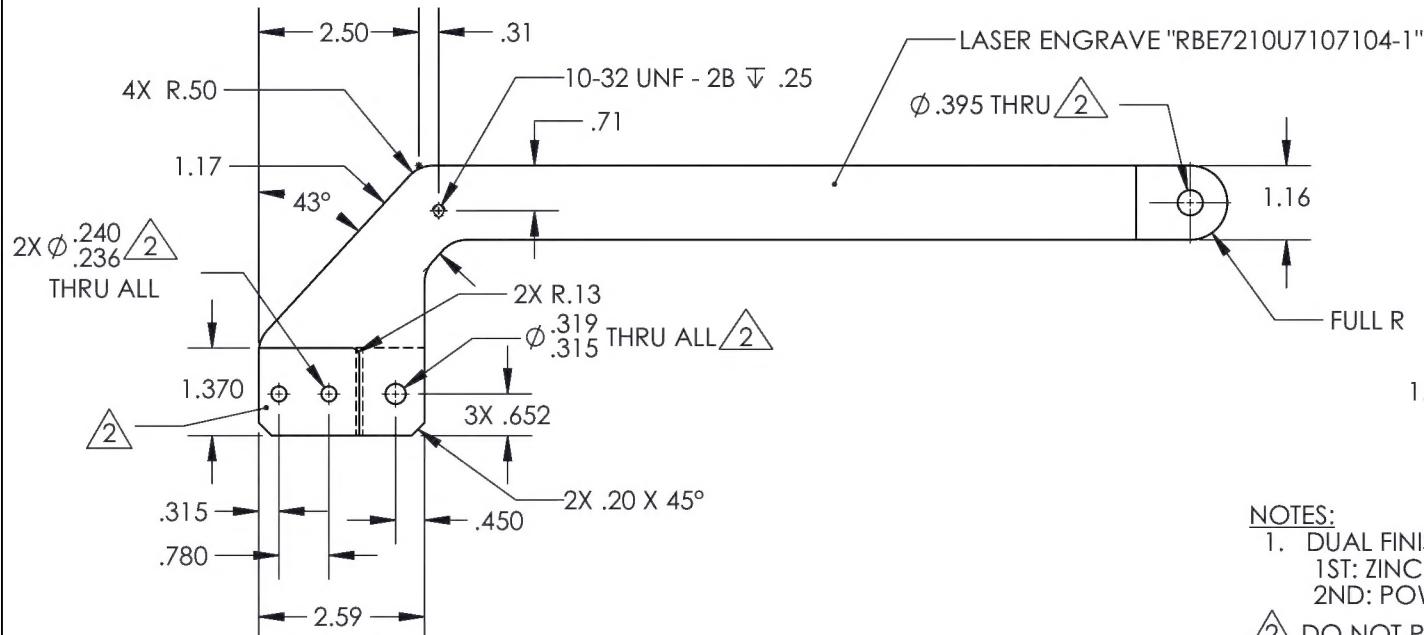
(-1)



DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO. RBEM721U7107104-1	
REV 2	
MAT'L UNLESS OTHERWISE SPECIFIED HEAT DIMENSIONS ARE IN INCHES TREAT .XXX ± .005 FRACTIONS ± 1/8 FINISH .XX ± .01 ANGLES ± 5° SURFACES = 125 ✓ .X ± .1	
SPEC DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL H175 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
SCALE	1:6
DATE	3/17/2016
SHEET 2 OF 29	

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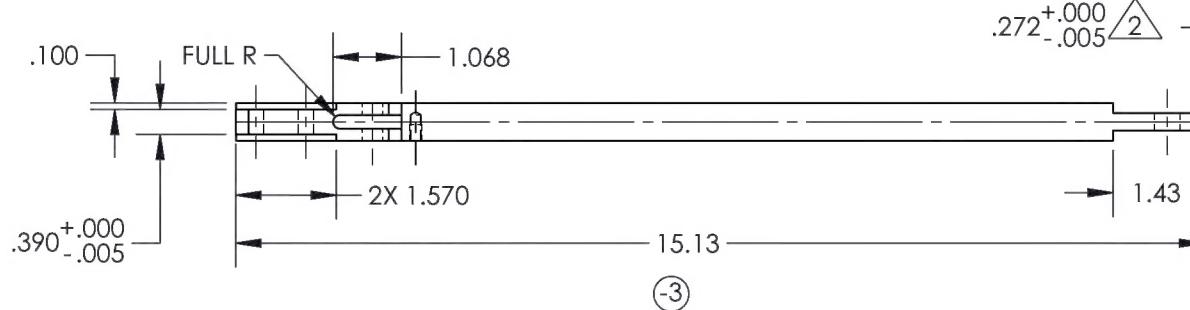
			REVISIONS			
REV	ECR		DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0174		-3 CH'D DIM WAS (12.000) IS 4.22, WAS 1.425 IS 1.43, WAS .960 IS 1.068, WAS 40° IS 43°; ADDED DIM FULL R; CH'D NOTE WAS INK STAMP "RBE7210U7107104-1" IS LASER ENGRAVE "RBE7210U7104-1".	10/18/2016	SM	JAG



NOTES:

1. DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW SPEC. FED#13538.

2 DO NOT POWDER COAT THIS SURFACE.

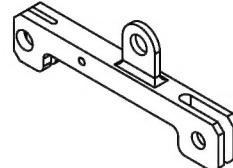
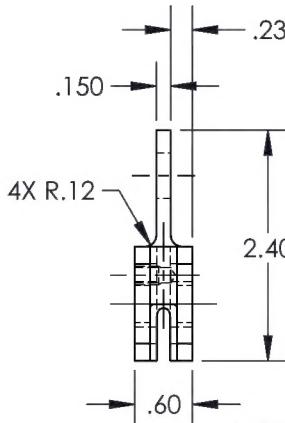
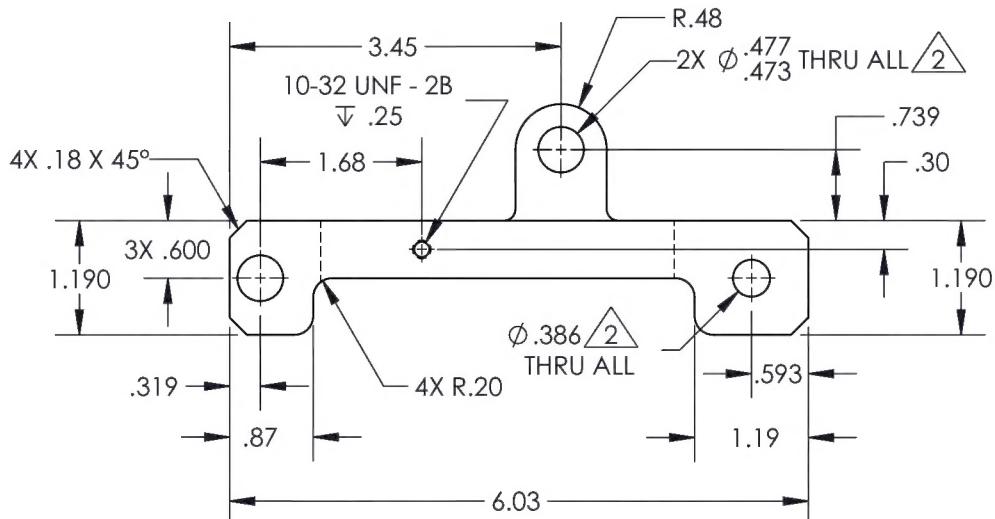
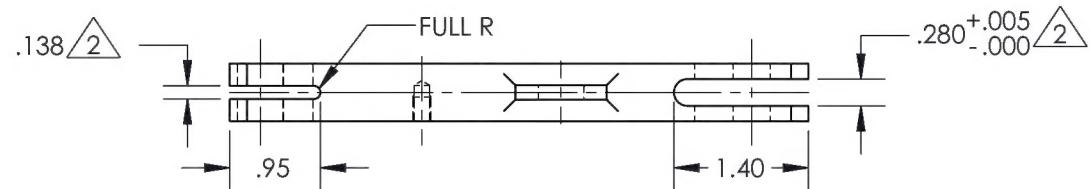


LONG LIFT ARM

DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO. RBEM721U7107104-3 REV 2	
MAT'L 1018/1020 CR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT	
.0XX ± .005 FRACTIONS ± 1/8	
FINISH SEE NOTE 1	
.XX ± .01 ANGLES ± 5°	
SPEC	
.X ± .1 SURFACES = 125	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT H175	
SCALE 1:3	DATE 3/17/2016
SHEET 3 OF 29	

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REV			ECR			DESCRIPTION			REVISIONS		
2	16-0174	-5 CH'D DIM WAS 1.185 IS 1.190; ADDED DIM 1.68, .30.						DATE	INITIAL	APPROVED	
								10/18/2016	SM	JAG	



NOTES:

1. DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW SPEC. FED#13538.

2) DO NOT POWDER COAT THIS SURFACE.

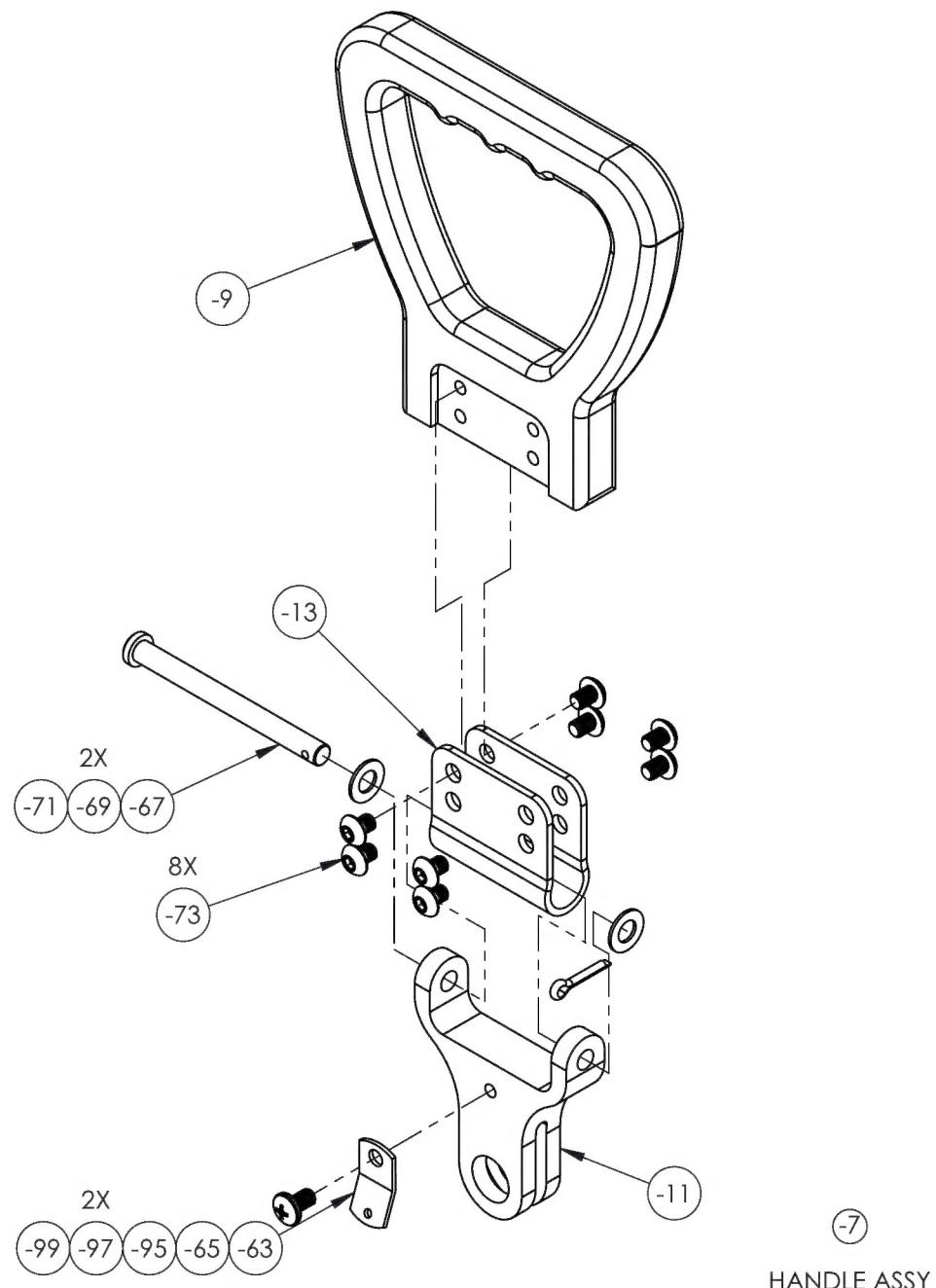
(-5)

LIFT ARM

TITLE		REV	
ENGINE MOVING DEVICE		2	
DWG NO.		RBEM721U7107104-5	
MATERIAL		1018/1020 CR	
HEAT		UNLESS OTHERWISE SPECIFIED	
TREAT		DIMENSIONS ARE IN INCHES	
FINISH SEE NOTE 1		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
DRAWN BY: CLOUGH		X ± .1 SURFACES = 125 ✓	
CHECKED: DUERFELDT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
OPPS APPR: ANDERSON		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
QA APPR: LINDSAY		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
APPROVED: GILBERT		USED ON MODEL	
H175			
SCALE 1:2		DATE 3/17/2016	
		SHEET 4 OF 29	

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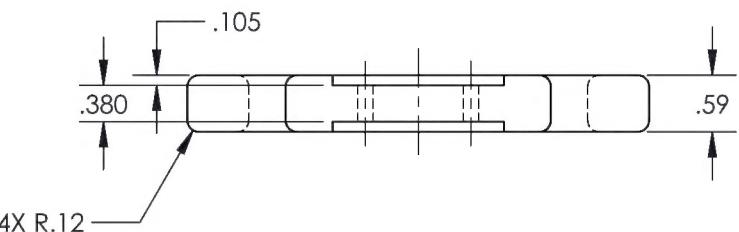
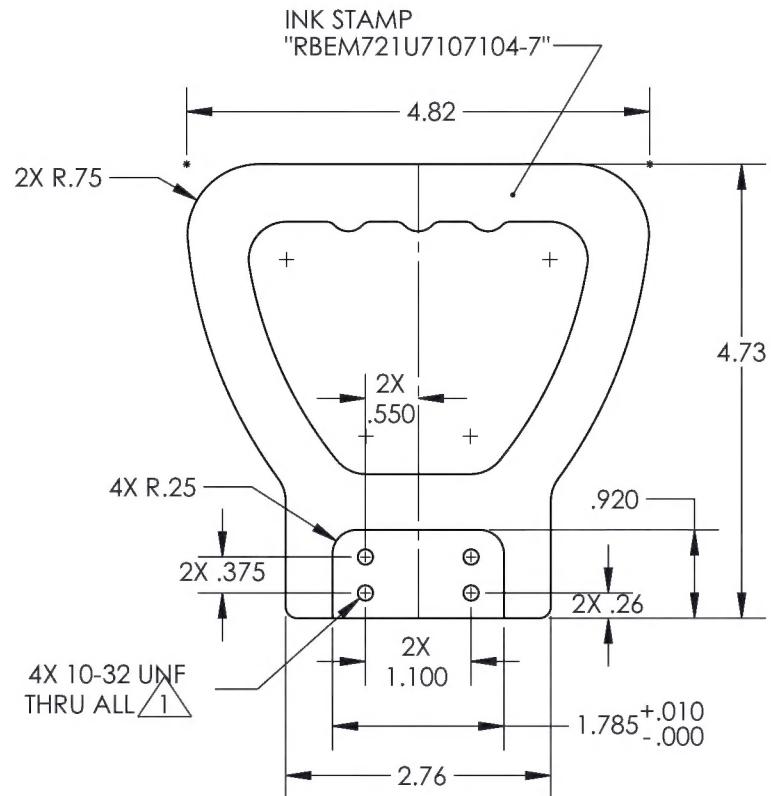
REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO. RBEM721U7107104-7	
REV 2	
MAT'L HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125 ✓	
DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
H175	
SCALE	1:2
DATE	3/17/2016
SHEET 5 OF 29	

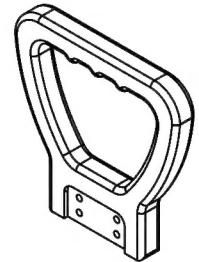
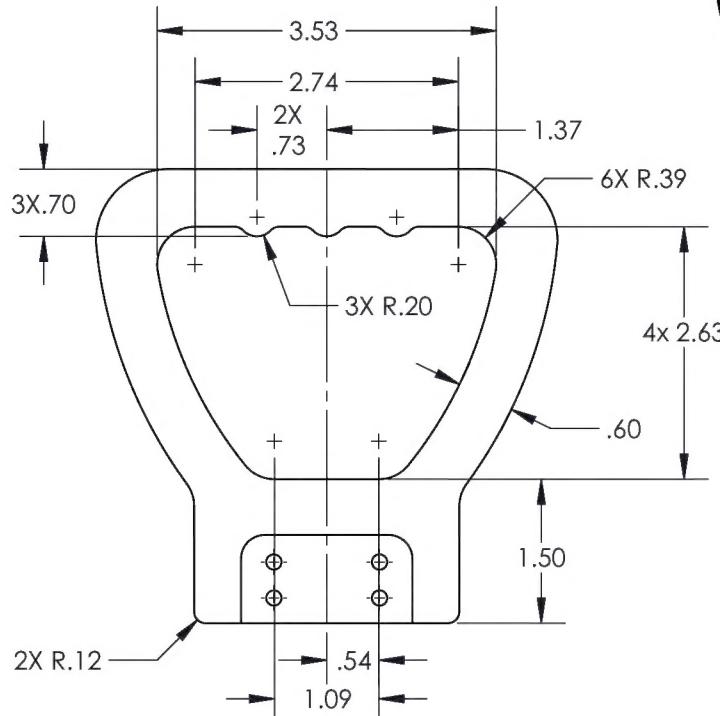
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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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(-9)

HANDLE



NOTE:

1) DO NOT POWDER COAT THREADS.



ENGINE MOVING DEVICE

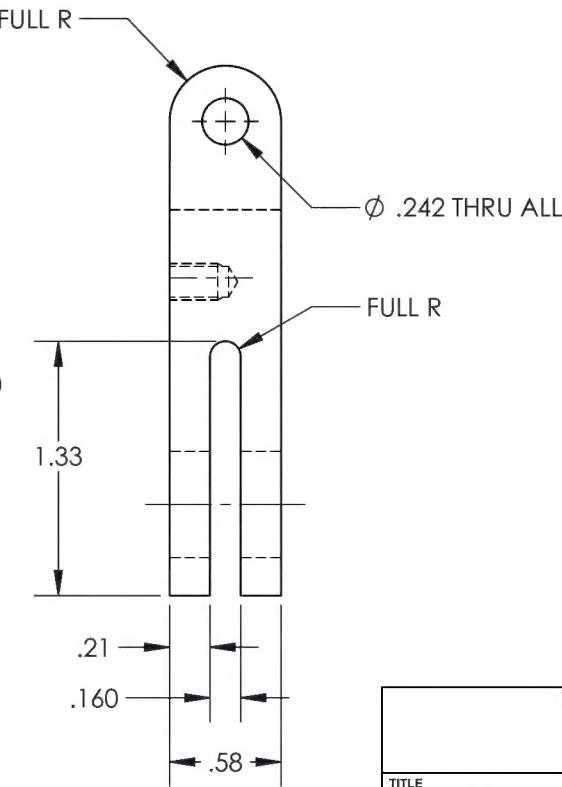
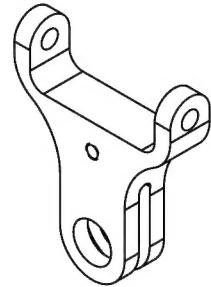
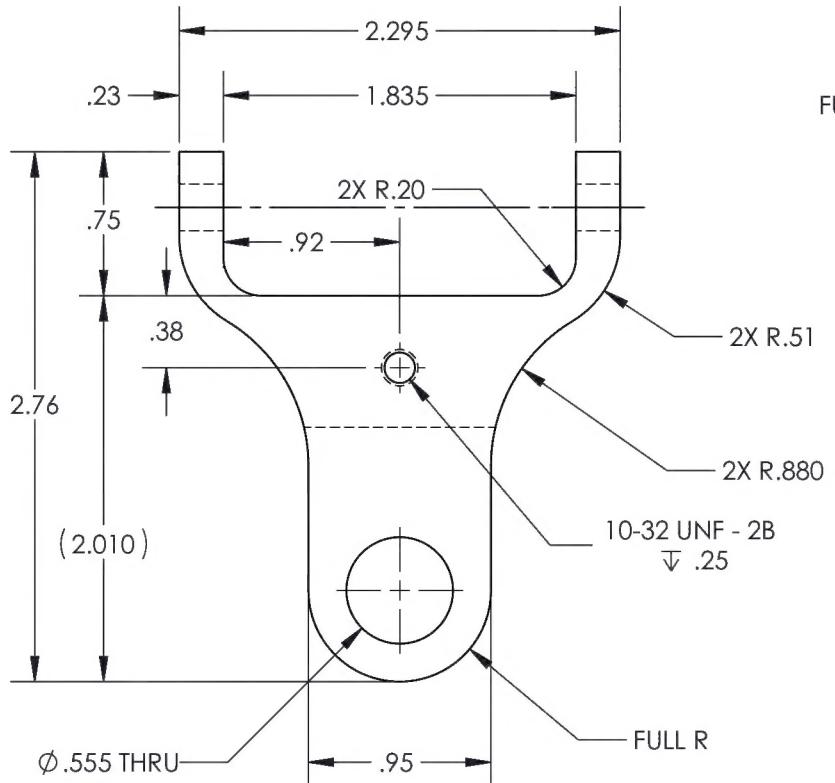
DWG NO. RBEM721U7107104-9

REV?

MATERIAL 6061		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .010	FRACTIONS ± 1/8	
TREAT	.XX ± .03	ANGLES ± 1°	
FINISH	POWDER COAT YELLOW	X ± .1	SURFACES = 125
SPEC	FED #13538	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY:	CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED:	DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR:	ANDERSON	USED ON MODEL	
QA APPR:	LINDSAY	H175	
APPROVED:	GILBERT		
SCALE	1:2	DATE	3/17/2016
			SHEET 6 OF 29

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0174	-11 REMOVED DIM R.03 TYP; ADDED HEAT TREAT.	10/18/2016	SM	JAG



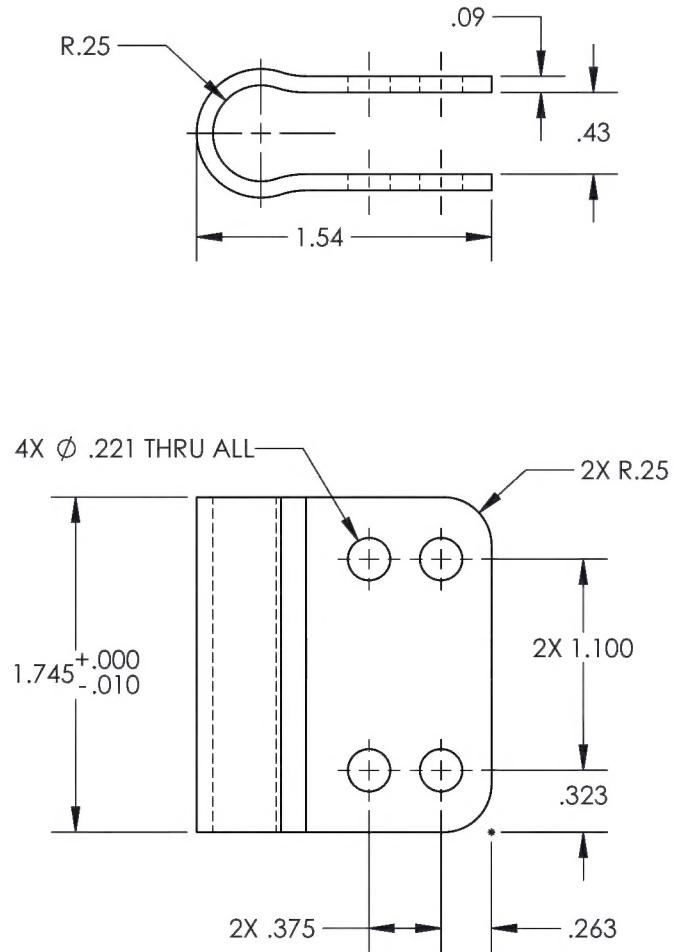
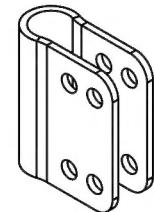
-11

HANDLE PIVOT

 DART AEROSPACE	
TITLE ENGINE MOVING DEVICE	
DWG NO. RBEM721U7107104-11 REV 2	
MAT'L 4140/4142	
FEAT 28-32	
TREAT	
FINISH POWDER COAT YELLOW	
SPEC FED #13538	
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE	1:1
DATE	3/17/2016
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
XXX \pm .010 FRACTIONS \pm 1/8	
XX \pm .03 ANGLES \pm 1°	
X \pm .1 SURFACES = 125	
1. BREAK ALL SHARP EDGES $.015 \times 45^\circ$ OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
H175	
SHEET 7 OF 29	

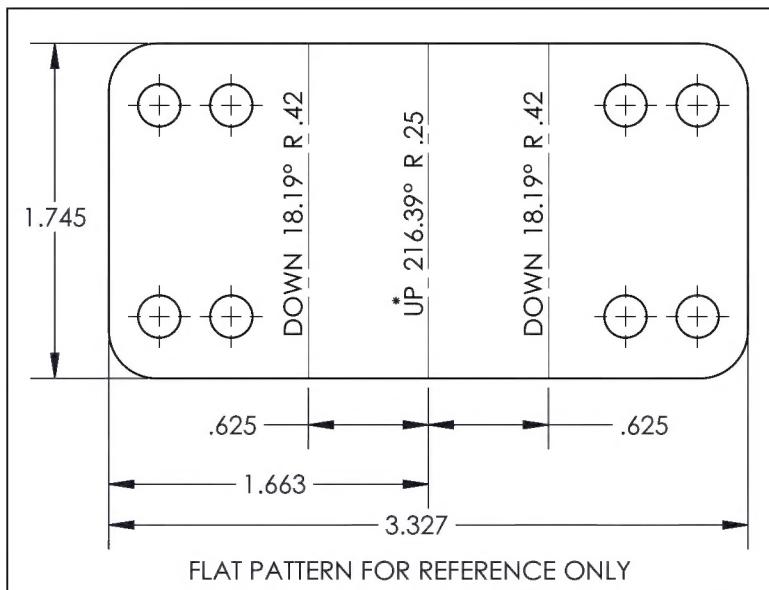
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REV		ECR		DESCRIPTION		DATE	INITIAL	APPROVED
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(-13)

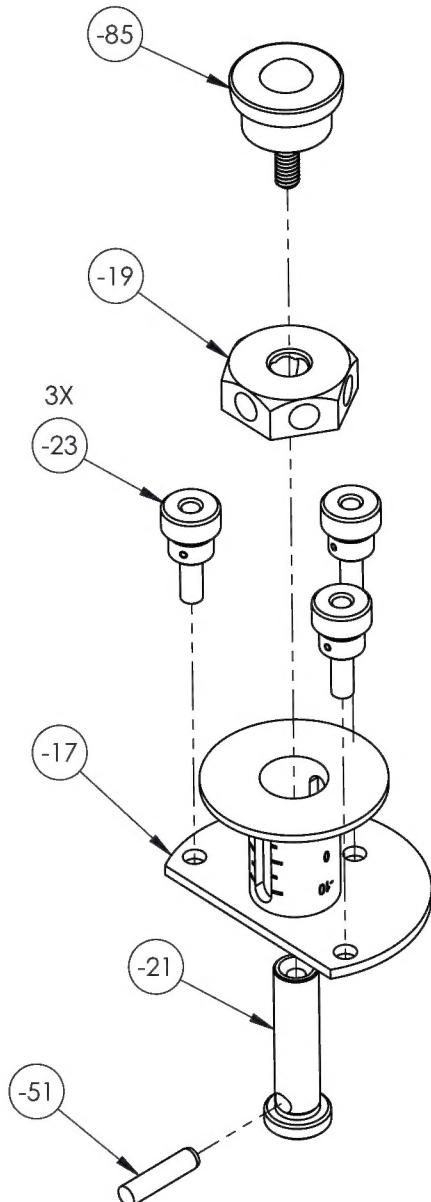
HANDLE HINGE



TITLE	ENGINE MOVING DEVICE
DWG NO.	RBEM721U7107104-13
REV	?
MAT'L	A36/1018/1020 HR
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
FED #13538	X ± .1 SURFACES = 125 ✓
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
	USED ON MODEL
	H175
SCALE	1:1
DATE	3/17/2016
SHEET 8 OF 29	

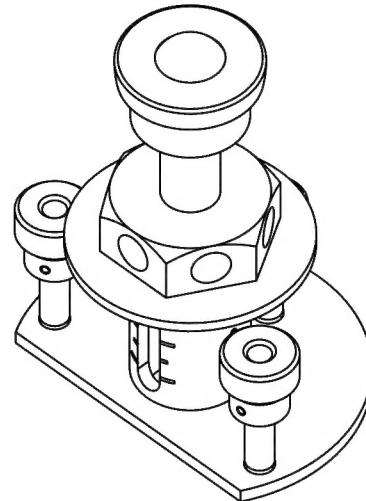
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REV		ECR		DESCRIPTION		DATE	INITIAL	APPROVED
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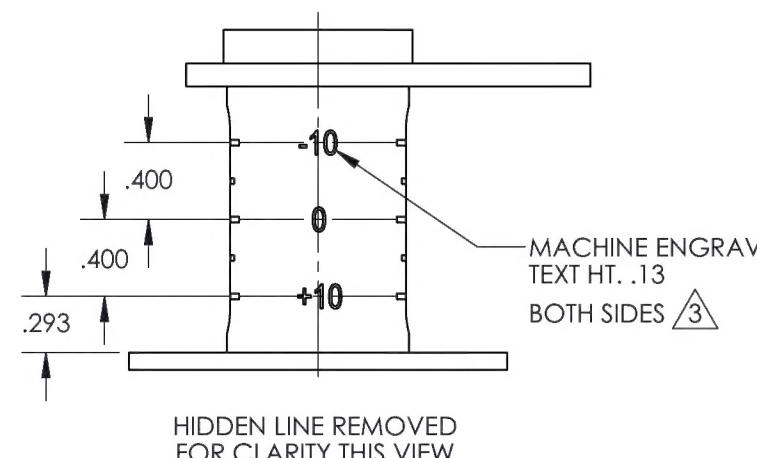
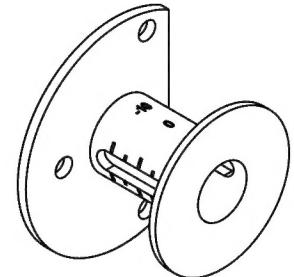
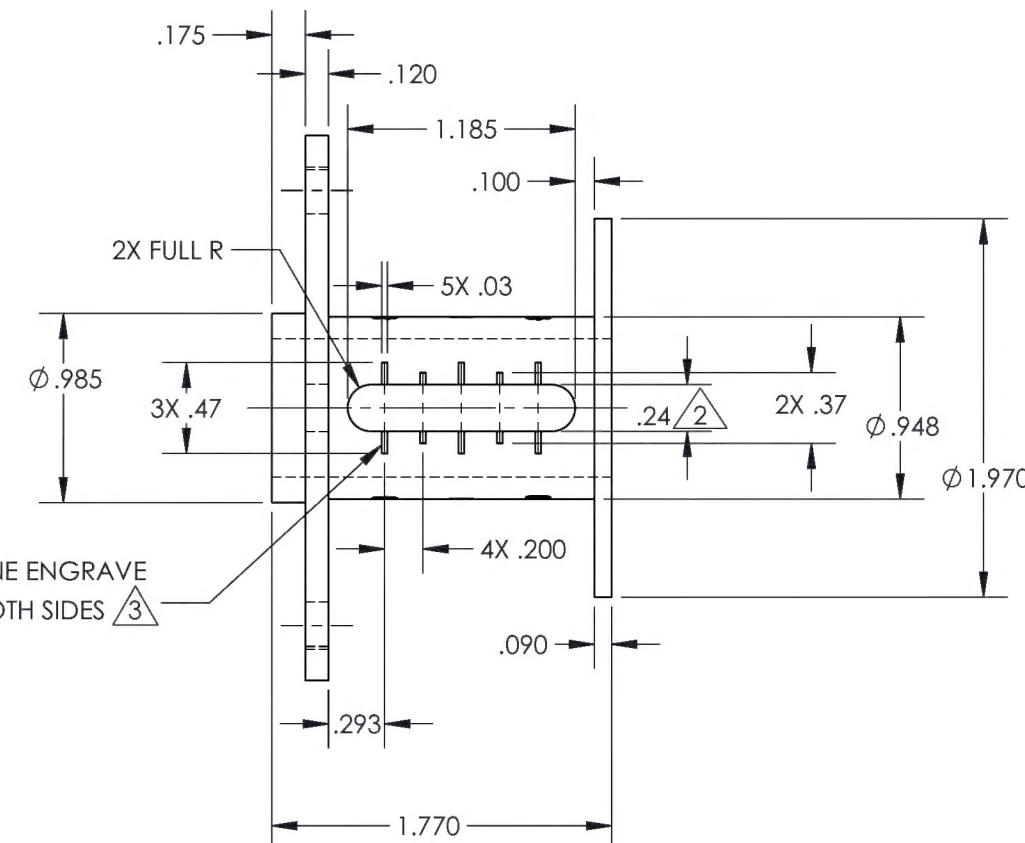
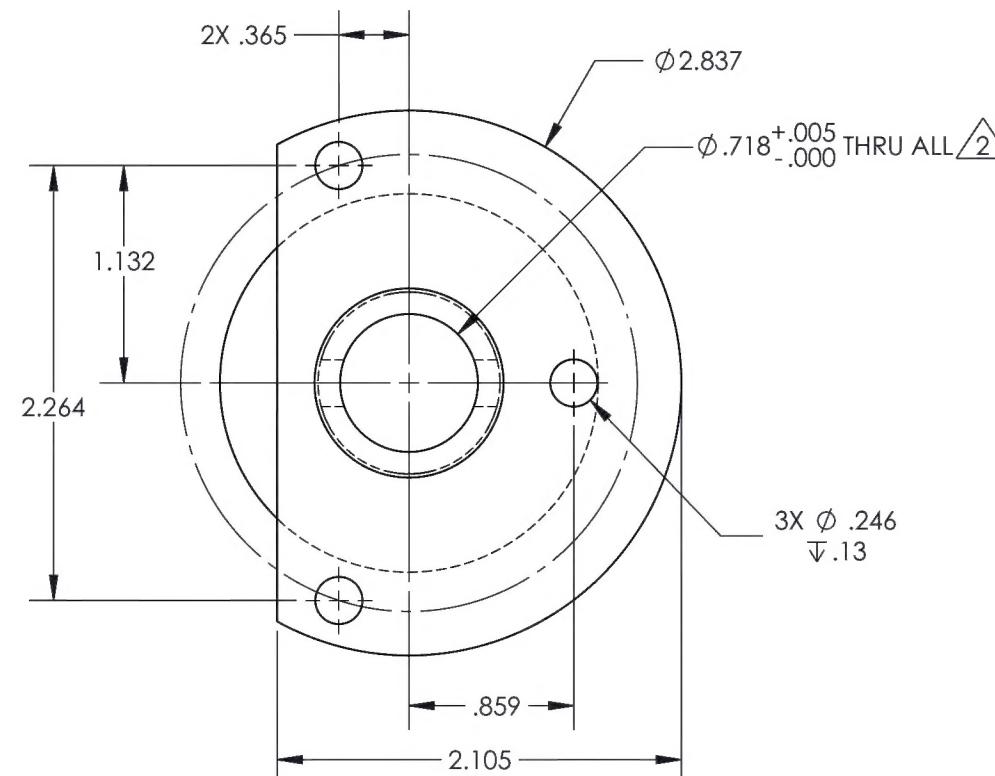


(-15)

GUAGE ASSY



DART AEROSPACE																					
TITLE																					
ENGINE MOVING DEVICE																					
DWG NO. RBEM721U7107104-15																					
REV ?																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">MATERIAL</td> <td>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>HEAT</td> <td>.XXX ± .010 FRACTIONS ± 1/8</td> </tr> <tr> <td>TREAT</td> <td>.XX ± .03 ANGLES ± 1°</td> </tr> <tr> <td>FINISH</td> <td>X ± .1 SURFACES = 125</td> </tr> <tr> <td>SPEC</td> <td></td> </tr> <tr> <td>DRAWN BY: CLOUGH</td> <td>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</td> </tr> <tr> <td>CHECKED: DUERFELDT</td> <td>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td>USED ON MODEL</td> </tr> <tr> <td>APPROVED: GILBERT</td> <td>H175</td> </tr> </table>		MATERIAL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	HEAT	.XXX ± .010 FRACTIONS ± 1/8	TREAT	.XX ± .03 ANGLES ± 1°	FINISH	X ± .1 SURFACES = 125	SPEC		DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	QA APPR: LINDSAY	USED ON MODEL	APPROVED: GILBERT	H175
MATERIAL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES																				
HEAT	.XXX ± .010 FRACTIONS ± 1/8																				
TREAT	.XX ± .03 ANGLES ± 1°																				
FINISH	X ± .1 SURFACES = 125																				
SPEC																					
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R																				
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING																				
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																				
QA APPR: LINDSAY	USED ON MODEL																				
APPROVED: GILBERT	H175																				
SCALE 1:1.5	DATE 3/17/2016																				
SHEET 9 OF 29																					



HIDDEN LINE REMOVED
FOR CLARITY THIS VIEW

-17

NOTES:

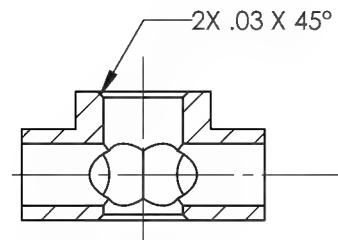
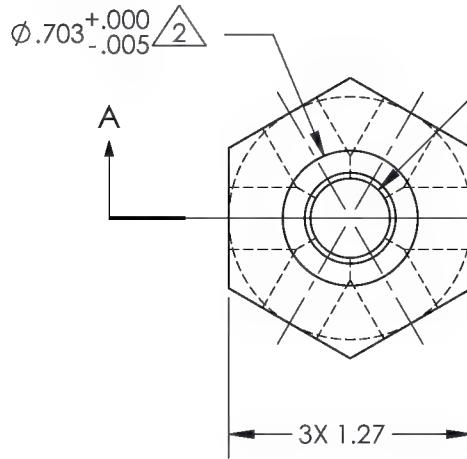
NOTES:

1. DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW SPEC. FED#13538.
- 2 DO NOT POWDER COAT THIS SURFACE.
- 3 FILL IN TEXT & LINES WITH BLACK PAINT.

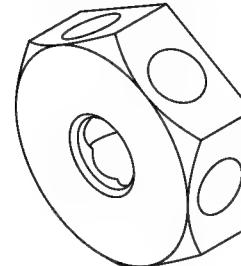
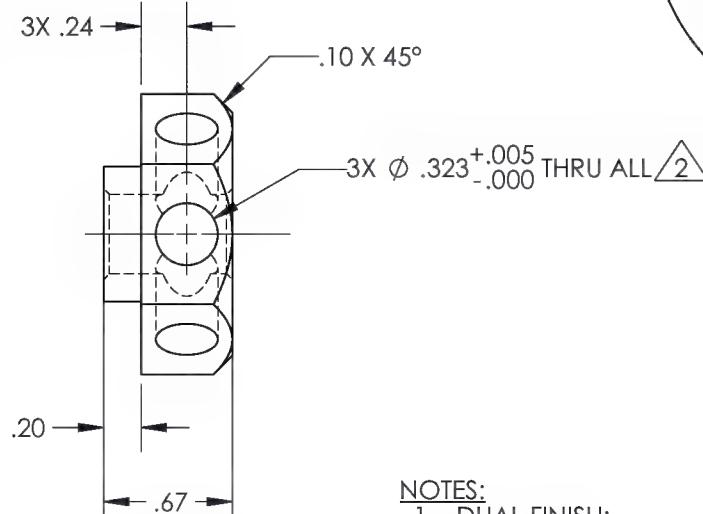
			
TITLE ENGINE MOVING DEVICE			
DWG NO. RBEM721U7107104-17			REV 2
MAT'L 1018/1020 CR		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		XXX $\pm .005$ FRACTIONS $\pm 1/8$	
FINISH SEE NOTE 1		XX $\pm .01$ ANGLES $\pm .5^\circ$	
SPEC		X $\pm .1$ SURFACES = 125	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009			
DRAWN BY: CLOUGH		USED ON MODEL	
CHECKED: DUERFELDT			
OPPS APPR: ANDERSON			
QA APPR: LINDSAY			
APPROVED: GILBERT		H175	
SCALE	1:1	DATE	3/17/2016
SHEET 10 OF 29			

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REV			ECR			DESCRIPTION			REVISIONS		
2	16-0174	-19 ADDED DIM 3X .24.							DATE	INITIAL	APPROVED
									10/18/2016	SM	JAG



SECTION A-A



NUT 423

(-19)

NOTES:

1. DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW SPEC. FED#13538

 DO NOT POWDER COAT THIS SURFACE.



TITLE
ENGINE MOVING DEVICE

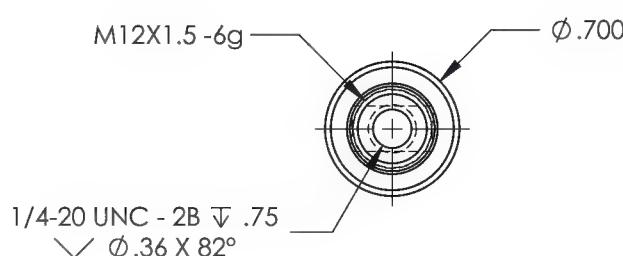
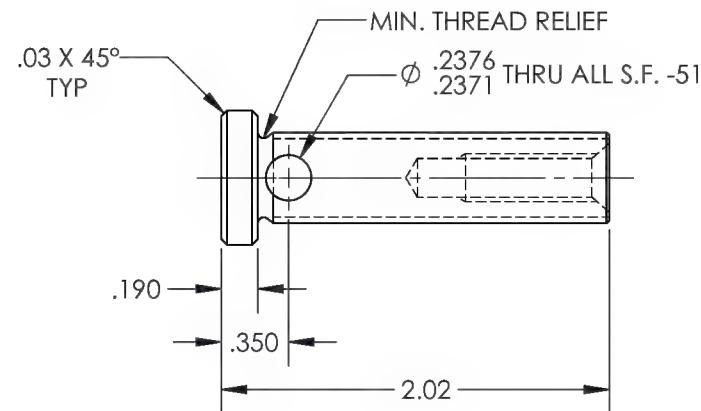
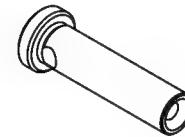
DWG NO. RBEM721U7107104-19

REV 2

MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH SEE NOTE 1	X ± .1 SURFACES = 125
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:1	DATE 3/17/2016
	SHEET 11 OF 29

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			REVISIONS			
REV	ECR		DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0174		-21 CH'D DIM WAS \emptyset .2370/.2368 THRU ALL S.F. -51 IS \emptyset .2376/.2371 THRU ALL (S.F. -51), WAS 1/4-20 UNC-2B ∇ .75 IS 1/4-20 UNC-2B ∇ .5 \checkmark \emptyset .36 X 82°; ADDED DIM .03 X 45° TYP.	10/18/2016	SM	JAG



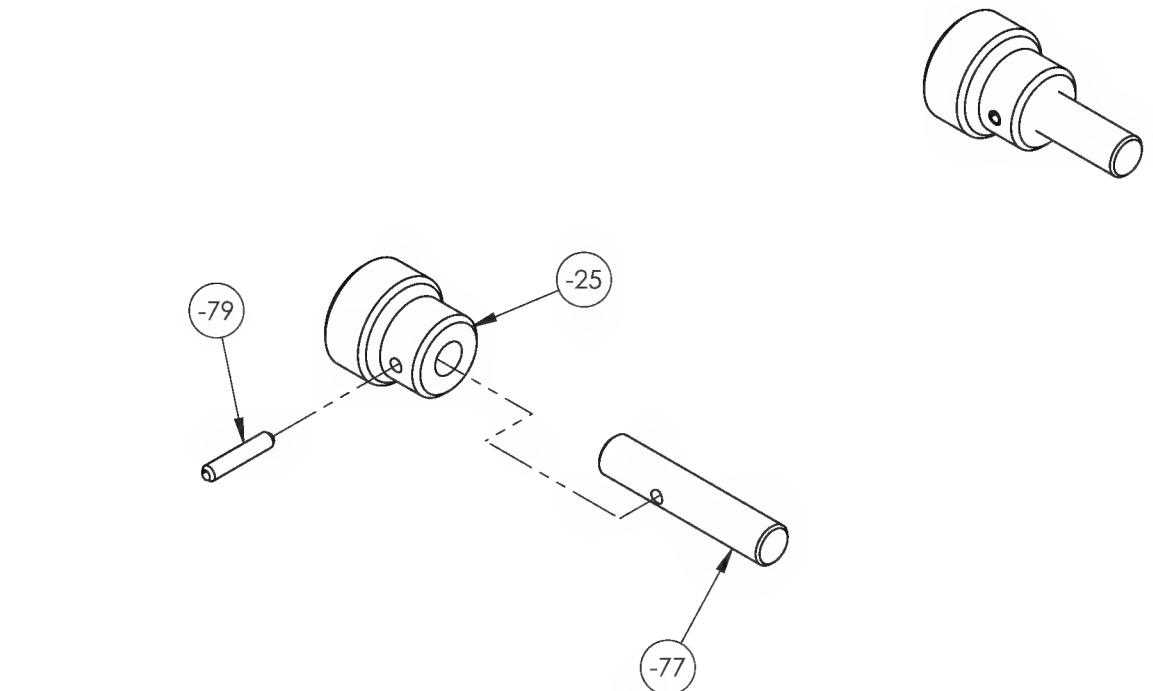
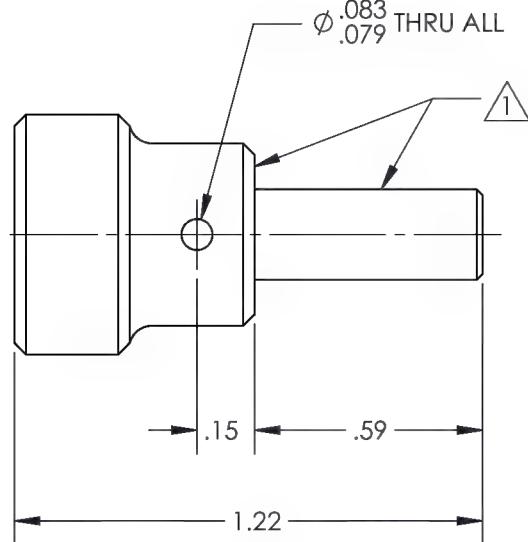
(-21)

GAUGE PIN

DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO.	RBEM721U7107104-21
REV	2
MAT'L 1018/1020 CR	
HEAT	
TREAT	
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
H175	
SCALE	1:1
DATE	3/17/2016
SHEET 12 OF 29	

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REV			ECR			DESCRIPTION			REVISIONS		
2	16-0174	-23 ADDED FINISH, SPEC, & NOTE Δ .						DATE	INITIAL	APPROVED	



GAUGE KNOB ASSY

-23

NOTE:

Δ NO POWDER COAT ON SURFACE.

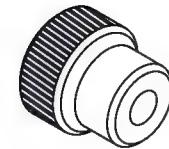
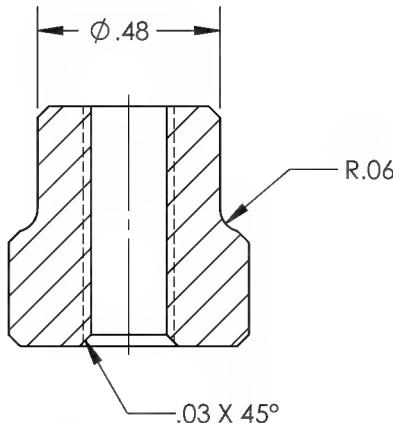


TITLE		ENGINE MOVING DEVICE	
DWG NO.		RBEM721U7107104-23	
MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT		.XXX \pm .005	FRACTIONS \pm 1/8
TREAT		.XX \pm .01	ANGLES \pm 5°
FINISH	POWDER COAT YELLOW	X \pm .1	SURFACES = 125
SPEC	FED #13538	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY:	CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED:	DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR:	ANDERSON	USED ON MODEL	
QA APPR:	LINDSAY	H175	
APPROVED:	GILBERT		
SCALE	2:1	DATE	3/17/2016
			SHEET 13 OF 29

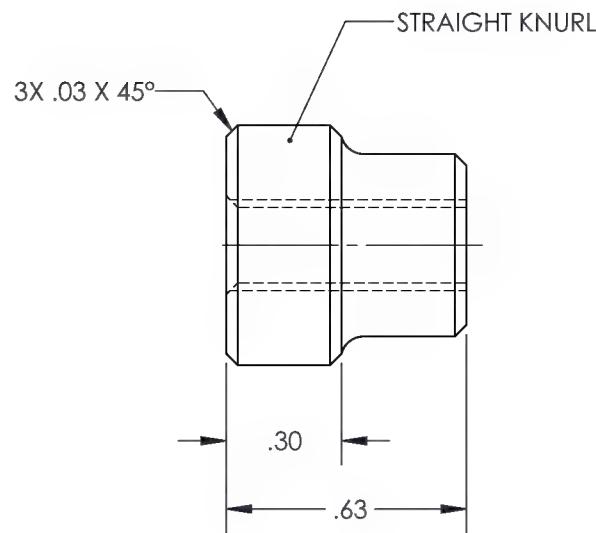
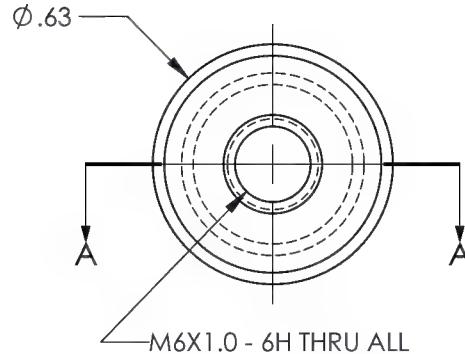
REV
2

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REV			ECR			DESCRIPTION			REVISIONS		
2	16-0174		-25 REMOVED FINISH & SPEC.			DATE		INITIAL	APPROVED		



SECTION A-A



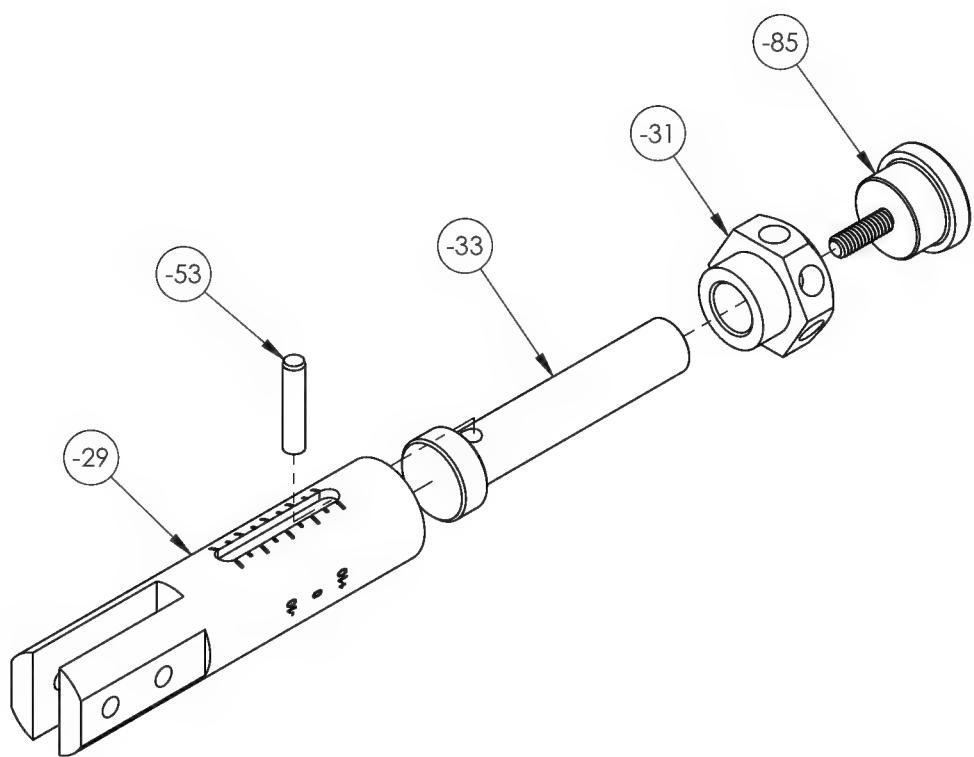
(-25)

GAUGE KNOB

TITLE		DART AEROSPACE	
ENGINE MOVING DEVICE		REV 2	
DWG NO. RBEM721U7107104-25			
MAT'L A36/1018/1020 HR		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT		.XXX ± .005 FRACTIONS ± 1/8	
TREAT		.XX ± .01 ANGLES ± 5°	
FINISH		.X ± .1 SURFACES = 125	
SPEC		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED: DUERFELDT		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR: ANDERSON		USED ON MODEL	
QA APPR: LINDSAY		H175	
APPROVED: GILBERT			
SCALE 2:1		DATE 3/17/2016	
		SHEET 14 OF 29	

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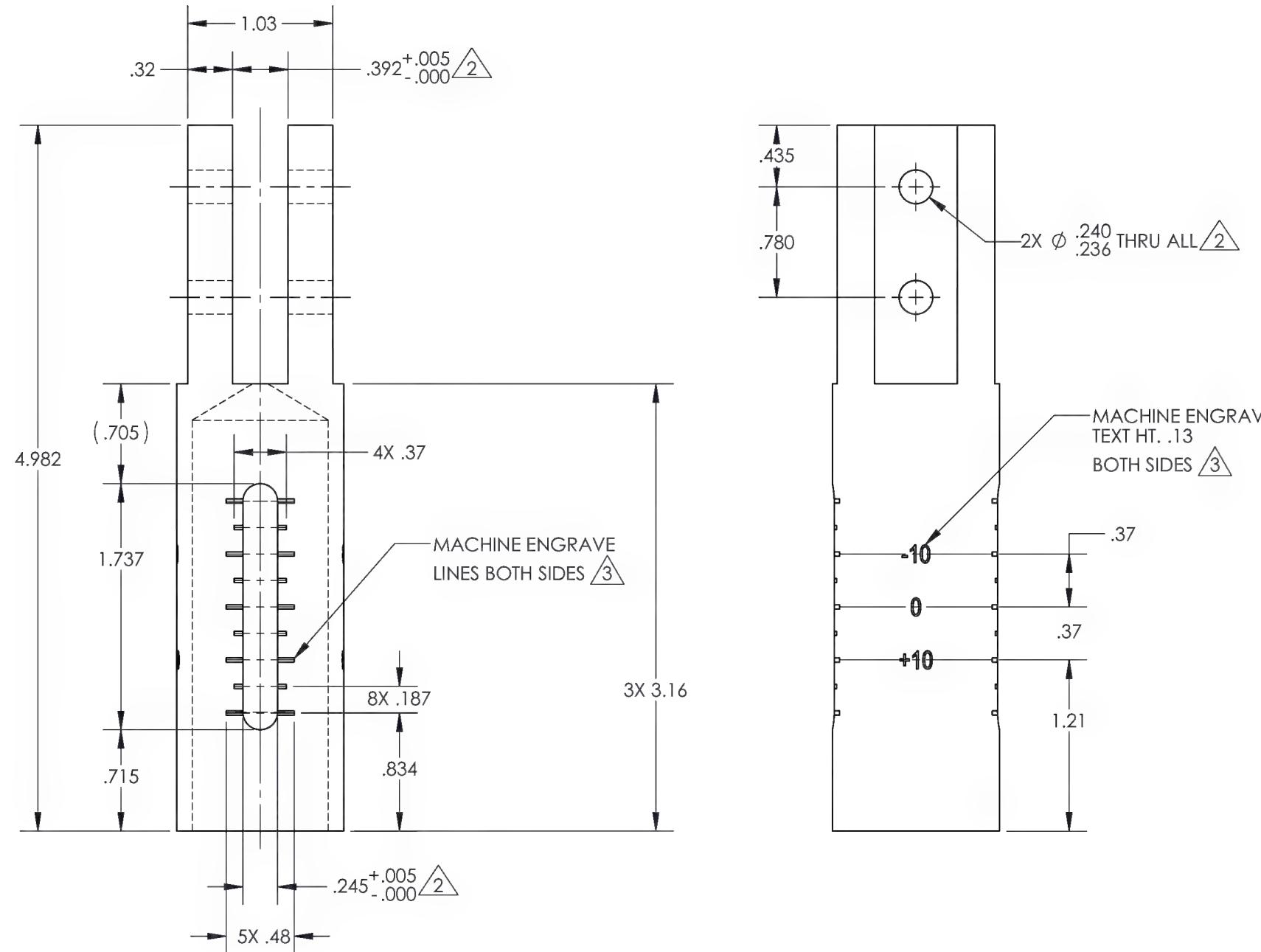
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



-27

LONGER GUAGE ASSY

 DART AEROSPACE			
TITLE ENGINE MOVING DEVICE			
DWG NO. RBEM721U7107104-27			
REV 2			
MATL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
FEAT TREAT		$.XXX \pm .005$ FRACTIONS $\pm 1/8$	
FINISH		$.XX \pm .01$ ANGLES $\pm .5^\circ$	
SPEC		$.X \pm .1$ SURFACES = 125	
DRAWN BY: CLOUGH		1. BREAK ALL SHARP EDGES $.015 \times 45^\circ$ OR $.015R$	
CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H1758	
SCALE	1:2	DATE	3/17/2016
		SHEET 15 OF 29	

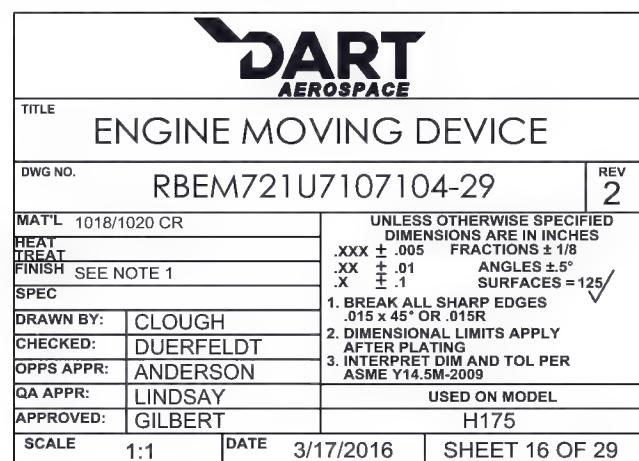


NOTES:

1. DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW SPEC. FED#13538.

② DO NOT POWDER COAT THIS SURFACE.

3 FILL IN TEXT & LINES WITH BLACK PAINT.



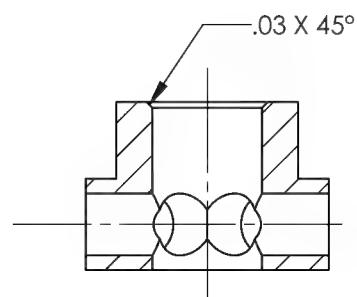
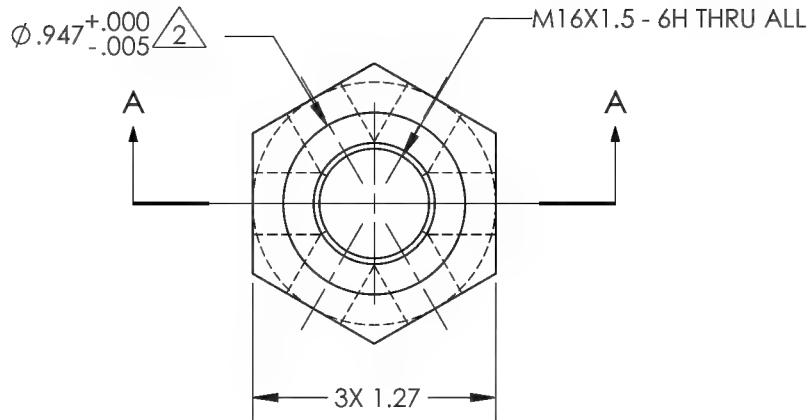
$$\phi .962^{+.005}_{-.000} \Downarrow 2.90 \triangle 2$$

-29

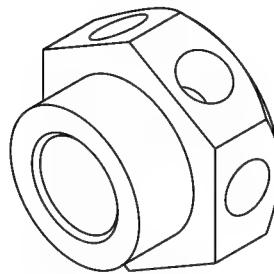
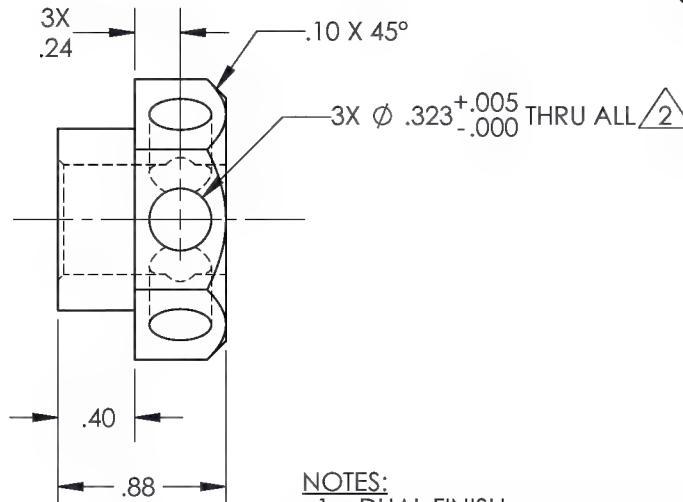
LONGER GAUGE

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REV			ECR			DESCRIPTION			REVISIONS		
2	16-0174	-31 ADDED DIM 3X .24.							DATE	INITIAL	APPROVED



SECTION A-A



NOTES:

1. DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW SPEC. FED#13538.

⚠ DO NOT POWDER COAT THIS SURFACE.

(-31)

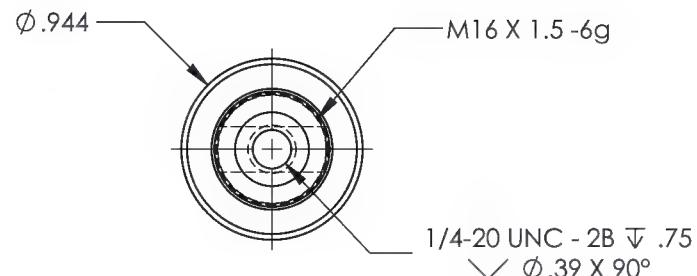
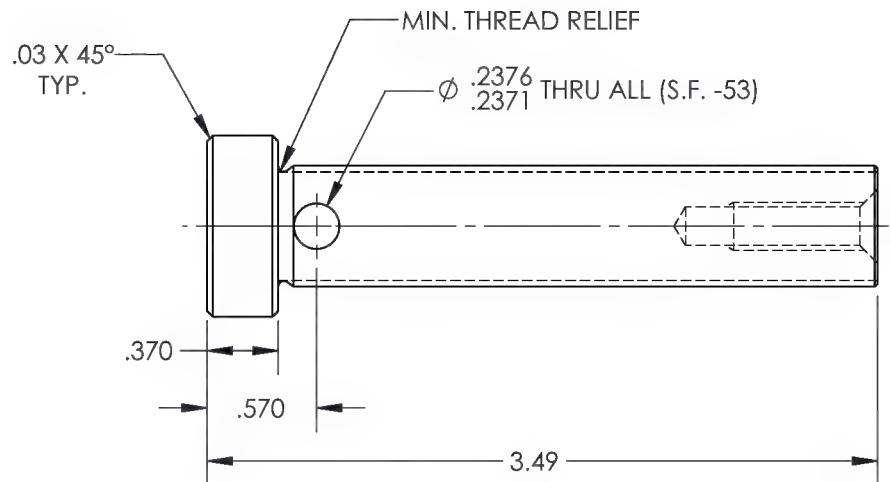
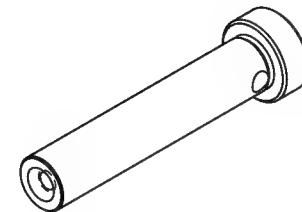
NUT 325

DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO.	RBEM721U7107104-31
MAT'L	1018/1020 CR
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX $\pm .005$
TREAT	FRACTIONS $\pm 1/8$
FINISH	.XX $\pm .01$
ANGLES $\pm 5^\circ$	
SPEC	X $\pm .1$
SURFACES = 125	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
H175	
SCALE	1:1
DATE	3/17/2016
SHEET 17 OF 29	

REV
2

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0174	-33 CH'D DIM WAS .2370/.2368 THRU ALL S.F. -53 IS .2376/.2371 THRU ALL (S.F. -53). WAS 1/4-20 UNC-2B ∇ .75 IS 1/4-20 UNC-2B ∇ .75 \checkmark \emptyset .39 X 90°; ADDED DIM .03 X 45° TYP.	10/18/2016	SM	JAG



LONGER GAUGE PIN

-33

DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO.	RBEM721U7107104-33
REV	2
MATERIAL 1018/1020 CR	
HEAT TREAT	
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
H175	
SCALE	1:1
DATE	3/17/2016
SHEET 18 OF 29	

DART
AEROSPACE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

.XXX \pm .005 FRACTIONS \pm 1/8

.XX \pm .01 ANGLES \pm 5°

.X \pm .1 SURFACES = 125

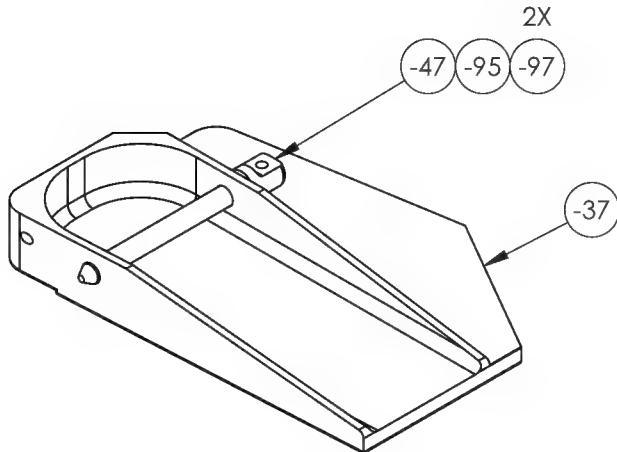
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R

2. DIMENSIONAL LIMITS APPLY
AFTER PLATING

3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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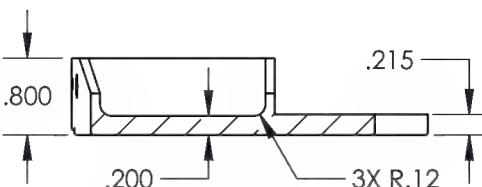
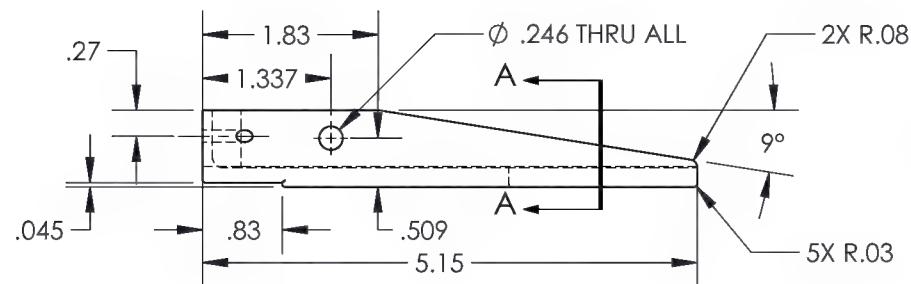
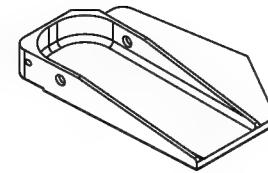
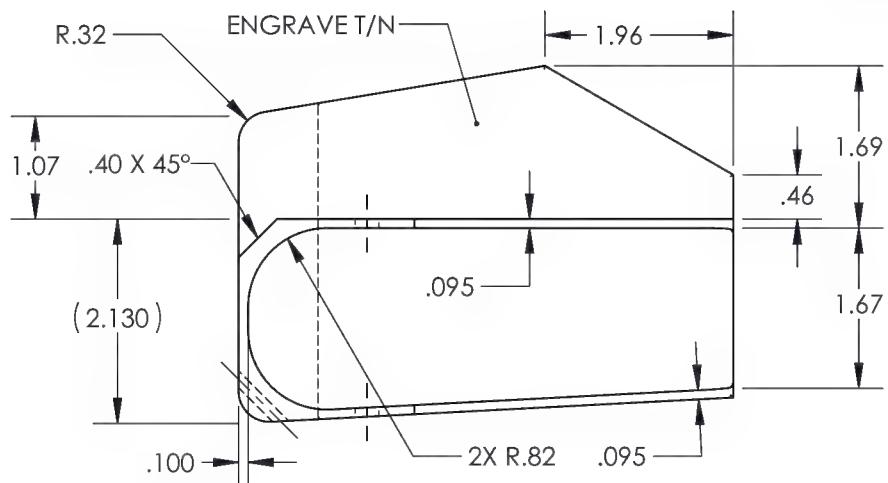


-35
WEDGE ASSY

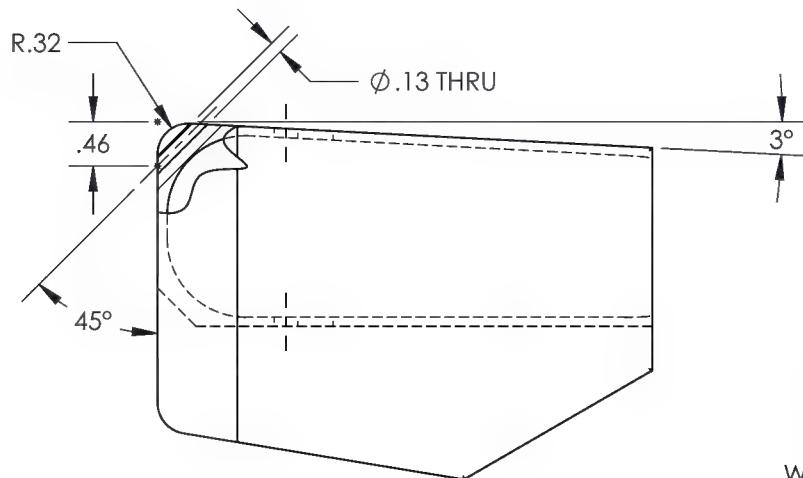
DART AEROSPACE																																	
TITLE																																	
ENGINE MOVING DEVICE																																	
DWG NO. RBEM721U7107104-35																																	
REV 2																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">MATERIAL</td> <td>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>HEAT</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td>TREAT</td> <td>.XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td>FINISH</td> <td>X ± .1 SURFACES = 125</td> </tr> <tr> <td>SPEC</td> <td colspan="2">1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</td> </tr> <tr> <td>DRAWN BY:</td> <td colspan="2">CLOUGH</td> </tr> <tr> <td>CHECKED:</td> <td colspan="2">DUFERFELDT</td> </tr> <tr> <td>OPPS APPR:</td> <td colspan="2">ANDERSON</td> </tr> <tr> <td>QA APPR:</td> <td colspan="2">LINDSAY</td> </tr> <tr> <td>APPROVED:</td> <td colspan="2">GILBERT H175</td> </tr> <tr> <td>SCALE</td> <td>1:2</td> <td>DATE 3/17/2016</td> </tr> <tr> <td colspan="3">SHEET 19 OF 29</td> </tr> </table>		MATERIAL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	HEAT	.XXX ± .005 FRACTIONS ± 1/8	TREAT	.XX ± .01 ANGLES ± 5°	FINISH	X ± .1 SURFACES = 125	SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		DRAWN BY:	CLOUGH		CHECKED:	DUFERFELDT		OPPS APPR:	ANDERSON		QA APPR:	LINDSAY		APPROVED:	GILBERT H175		SCALE	1:2	DATE 3/17/2016	SHEET 19 OF 29		
MATERIAL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES																																
HEAT	.XXX ± .005 FRACTIONS ± 1/8																																
TREAT	.XX ± .01 ANGLES ± 5°																																
FINISH	X ± .1 SURFACES = 125																																
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R																																
DRAWN BY:	CLOUGH																																
CHECKED:	DUFERFELDT																																
OPPS APPR:	ANDERSON																																
QA APPR:	LINDSAY																																
APPROVED:	GILBERT H175																																
SCALE	1:2	DATE 3/17/2016																															
SHEET 19 OF 29																																	

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REV			ECR			DESCRIPTION			REVISIONS		
2	16-0174		-37 ADDED "ENGRAVE T/N" NOTE; CH'D DIM WAS 2.125 IS (2.130), WAS .800 IS .83, WAS 5.05 IS 5.15; REMOVED DIM 1.886.						DATE	INITIAL	APPROVED



SECTION A-A



(-37)

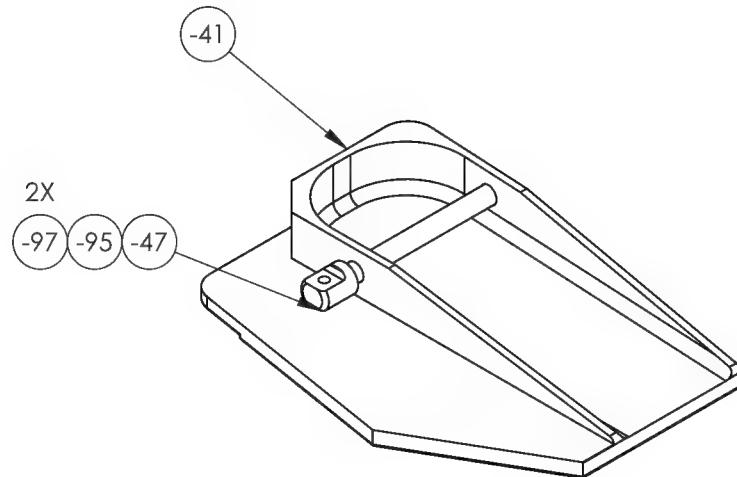
WEDGE

DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO. RBEM721U7107104-37	
REV 2	
MATERIAL 6061	
HEAT TREAT	
FINISH BLACK ANODIZE	
SPEC MIL-A-8625F, TYPE II, CLASS II	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL H175	
SCALE 1:2	DATE 3/17/2016
SHEET 20 OF 29	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
.X ± .1 SURFACES = 125 ✓
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

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REV		ECR		REVISIONS		
				DESCRIPTION		DATE
				INITIAL	APPROVED	



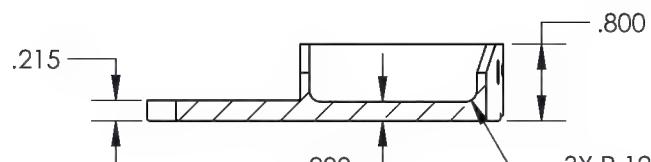
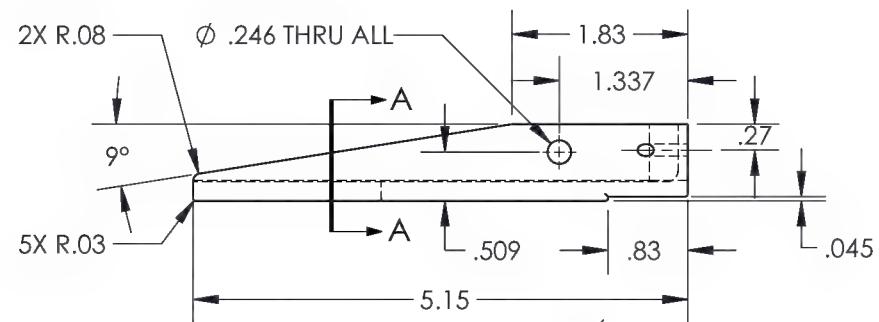
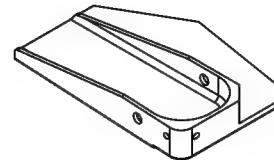
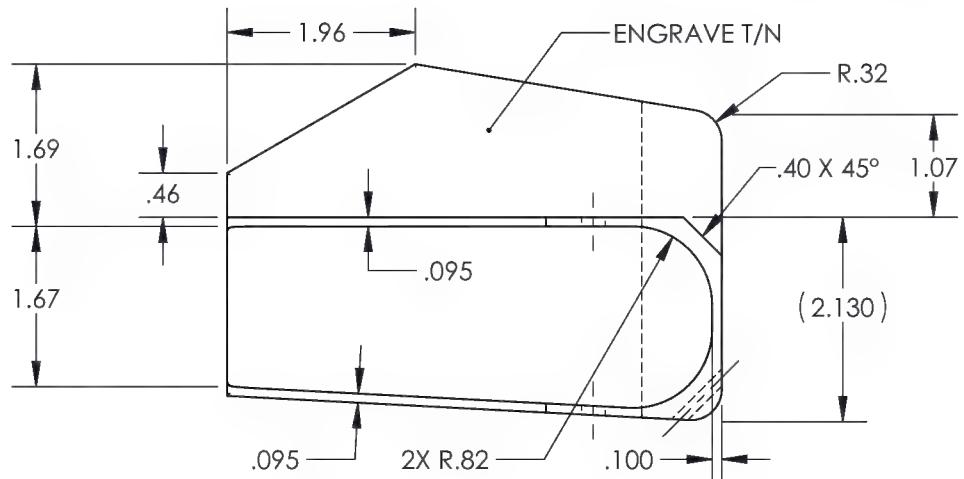
-39

MIRRORED WEDGE ASSY

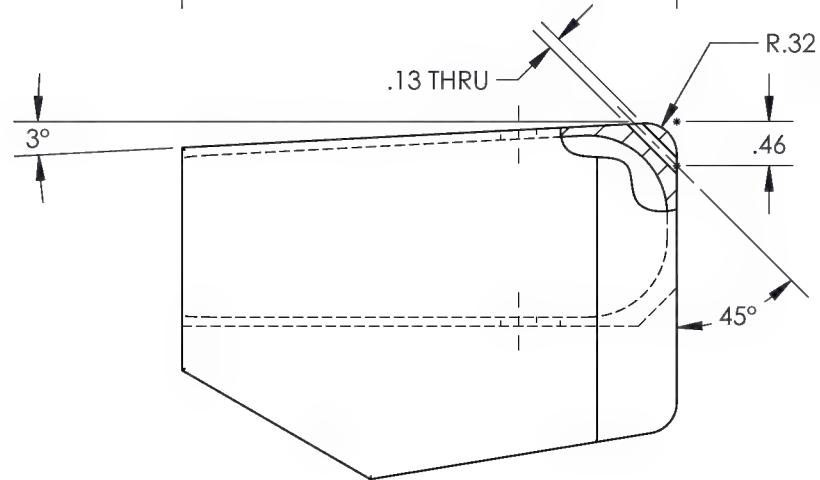
DART AEROSPACE																									
TITLE																									
ENGINE MOVING DEVICE																									
DWG NO. RBEM721U7107104-39																									
REV 2																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">MATERIAL</td> <td>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>HEAT</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td>TREAT</td> <td>.XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td>FINISH</td> <td>.X ± .1 SURFACES = 125</td> </tr> <tr> <td>SPEC</td> <td>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</td> </tr> <tr> <td>DRAWN BY: CLOUGH</td> <td>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td>CHECKED: DUERFELDT</td> <td>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td>USED ON MODEL</td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td>H175</td> </tr> <tr> <td>APPROVED: GILBERT</td> <td></td> </tr> <tr> <td>SCALE 1:2</td> <td>DATE 3/17/2016</td> </tr> <tr> <td colspan="2">SHEET 21 OF 29</td> </tr> </table>		MATERIAL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	HEAT	.XXX ± .005 FRACTIONS ± 1/8	TREAT	.XX ± .01 ANGLES ± 5°	FINISH	.X ± .1 SURFACES = 125	SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	OPPS APPR: ANDERSON	USED ON MODEL	QA APPR: LINDSAY	H175	APPROVED: GILBERT		SCALE 1:2	DATE 3/17/2016	SHEET 21 OF 29	
MATERIAL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES																								
HEAT	.XXX ± .005 FRACTIONS ± 1/8																								
TREAT	.XX ± .01 ANGLES ± 5°																								
FINISH	.X ± .1 SURFACES = 125																								
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R																								
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING																								
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																								
OPPS APPR: ANDERSON	USED ON MODEL																								
QA APPR: LINDSAY	H175																								
APPROVED: GILBERT																									
SCALE 1:2	DATE 3/17/2016																								
SHEET 21 OF 29																									

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0174	-41 ADDED "ENGRAVE T/N" NOTE; CH'D DIM WAS 2.125 IS (2.130), WAS .800 IS .83, WAS 5.05 IS 5.15; REMOVED DIM 1.886.	10/18/2016	SM	JAG



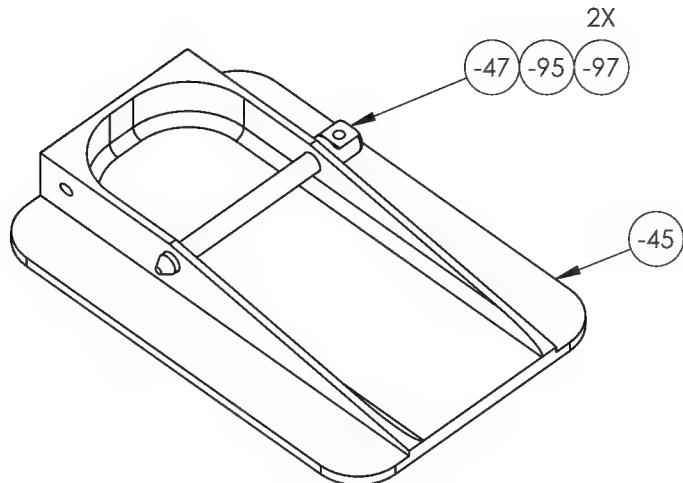
SECTION A-A



-41

MIRRORED WEDGE

 ENGINE MOVING DEVICE				
TITLE				
DWG NO. RBEM721U7107104-41 REV 2				
MAT'L 6061 UNLESS OTHERWISE SPECIFIED HEAT DIMENSIONS ARE IN INCHES TREAT .XXX ± .005 FRACTIONS ± 1/8 FINISH BLACK ANODIZE XX ± .01 ANGLES ± .5° SPEC MIL-A-8625F, TYPE II, CLASS II X ± .1 SURFACES = 125				
DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY USED ON MODEL APPROVED: GILBERT H175				
SCALE	1:2	DATE	3/17/2016	SHEET 22 OF 29



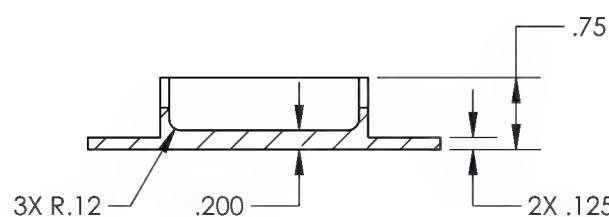
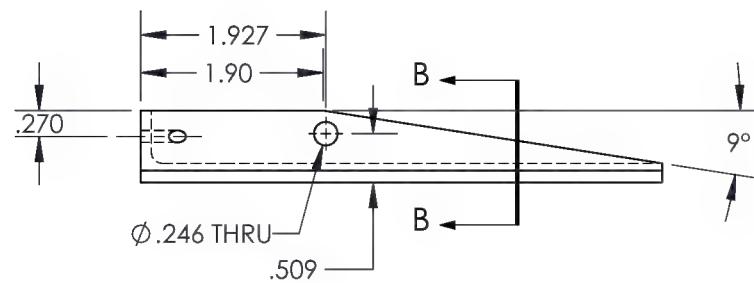
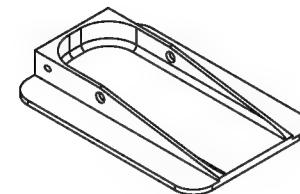
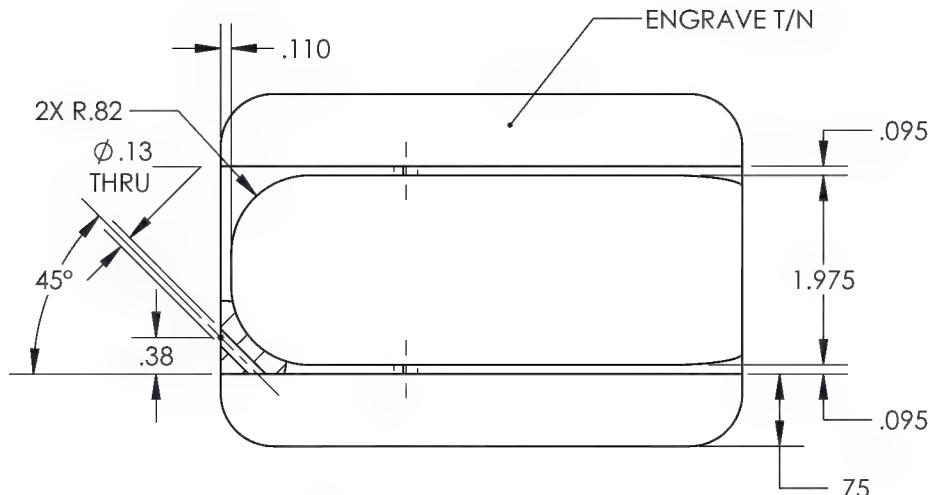
(-43)

RECTANGLE WEDGE ASSY

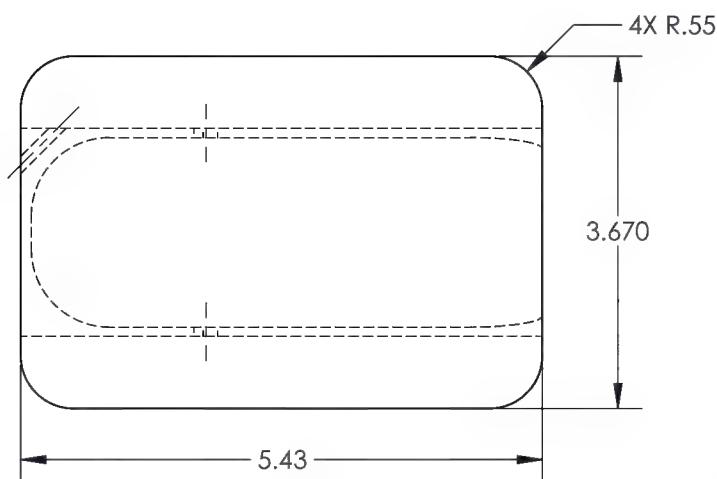
DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO. RBEM721U71071041-43	
REV 2	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1 SURFACES = 125	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 3/17/2016
SHEET 23 OF 29	

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			REVISIONS			
REV	ECR		DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0174		-45 ADDED "ENGRAVE T/N" NOTE; CH'D DIM WAS 1.99 IS 1.90, WAS 5.428 IS 5.43, WAS 12.0000 IS .75 WAS 183.2568° IS 9°; REMOVED DIM 12.0000, 12.0000, 5X R.03	10/18/2016	SM	JAG



SECTION B-B



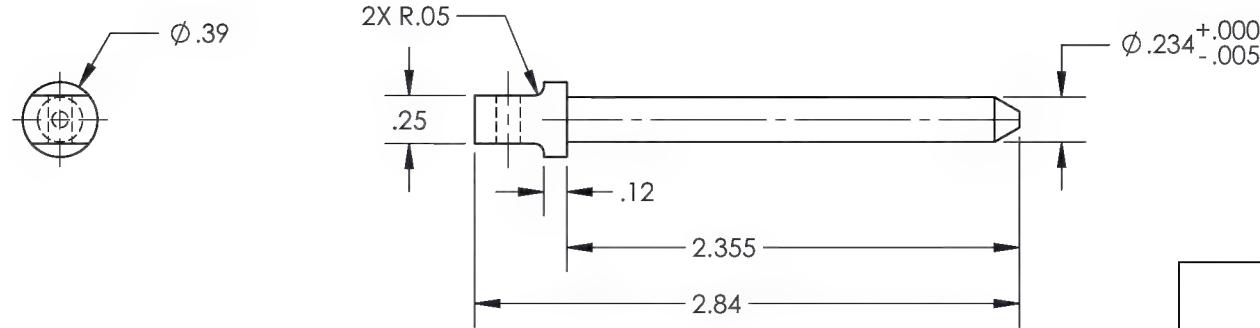
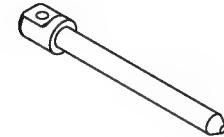
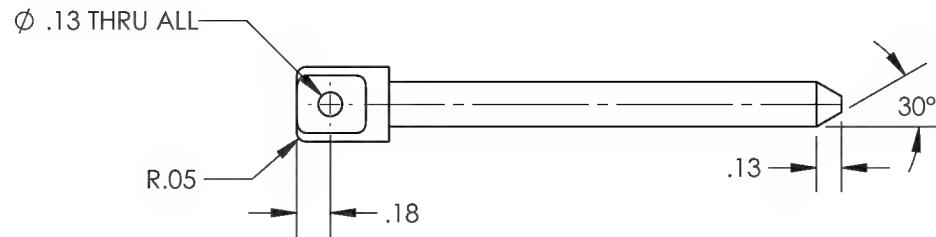
RECTANGLE WEDGE

DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO.	RBEM721U7107104-45
MAT'L	6061
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
DRAWN BY:	.X ± .1 SURFACES = 125
CHECKED BY:	1. BREAK ALL SHARP EDGES
OPPS APPR:	.015 x 45° OR .015R
QA APPR:	2. DIMENSIONAL LIMITS APPLY
APPROVED:	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE	USED ON MODEL
DATE	H175
3/17/2016	
SHEET 24 OF 29	

2

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REV		ECR		REVISIONS		
				DESCRIPTION		DATE
				INITIAL	APPROVED	



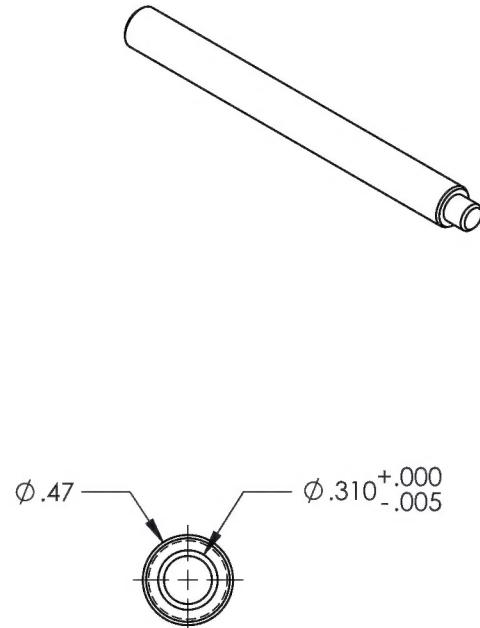
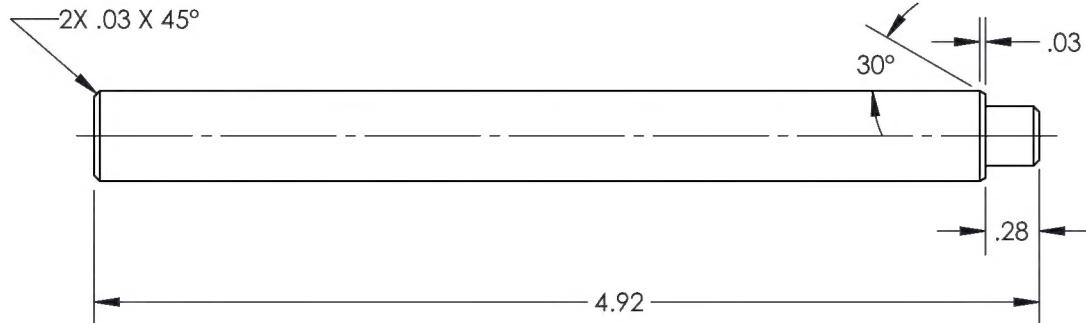
-47

PIN

		TITLE	
		ENGINE MOVING DEVICE	
DWG NO.		RBEM721U7107104-47	
REV		2	
MATERIAL S.S.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT		.XXX ± .005 FRACTIONS ± 1/8	
TREAT		.XX ± .01 ANGLES ± 5°	
FINISH		.X ± .1 SURFACES = 125	
SPEC		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED: DUERFELDT		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR: ANDERSON		USED ON MODEL	
QA APPR: LINDSAY		H175	
APPROVED: GILBERT			
SCALE 1:1		DATE 3/17/2016	
		SHEET 25 OF 29	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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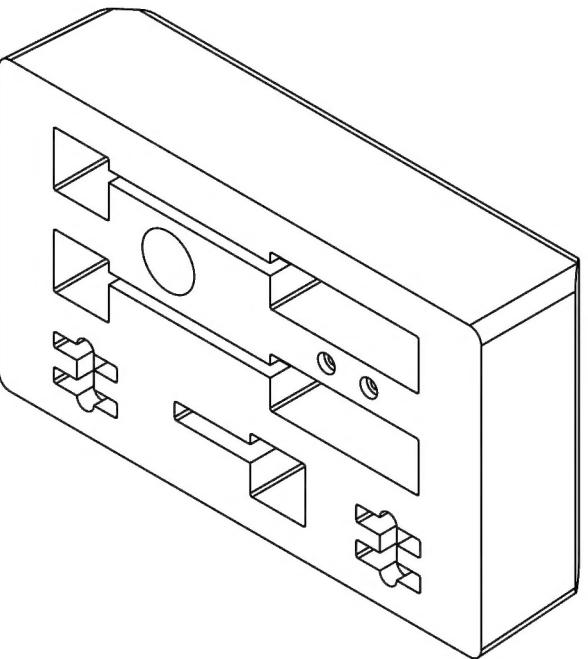
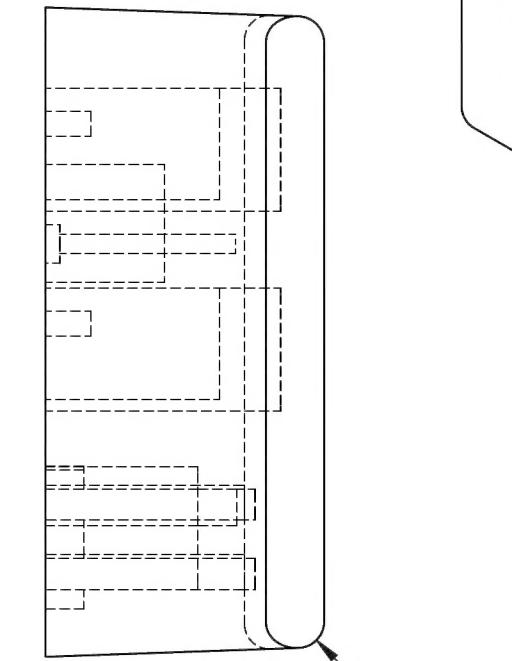
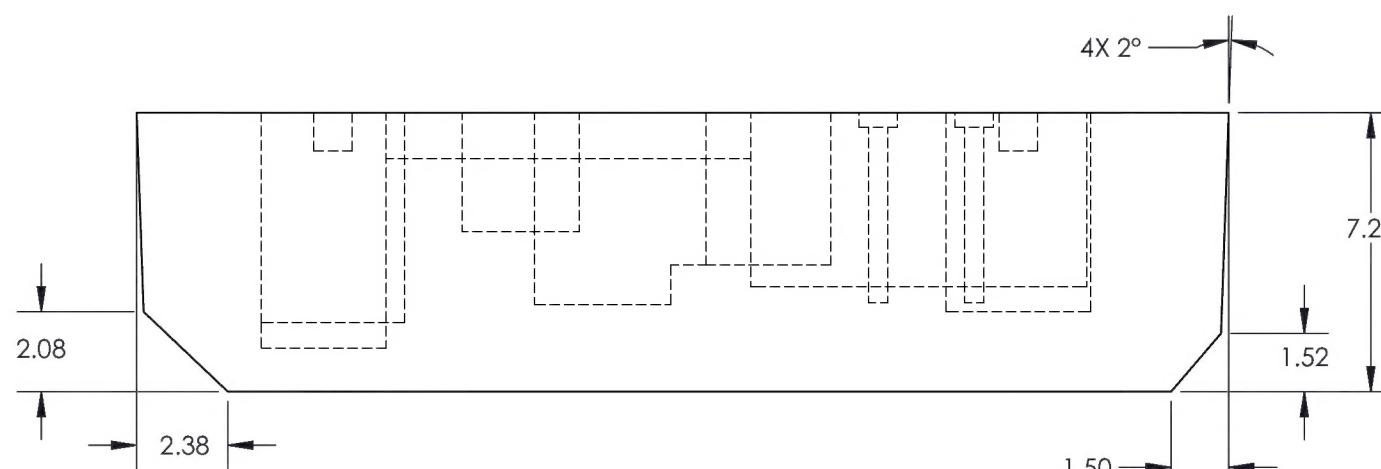
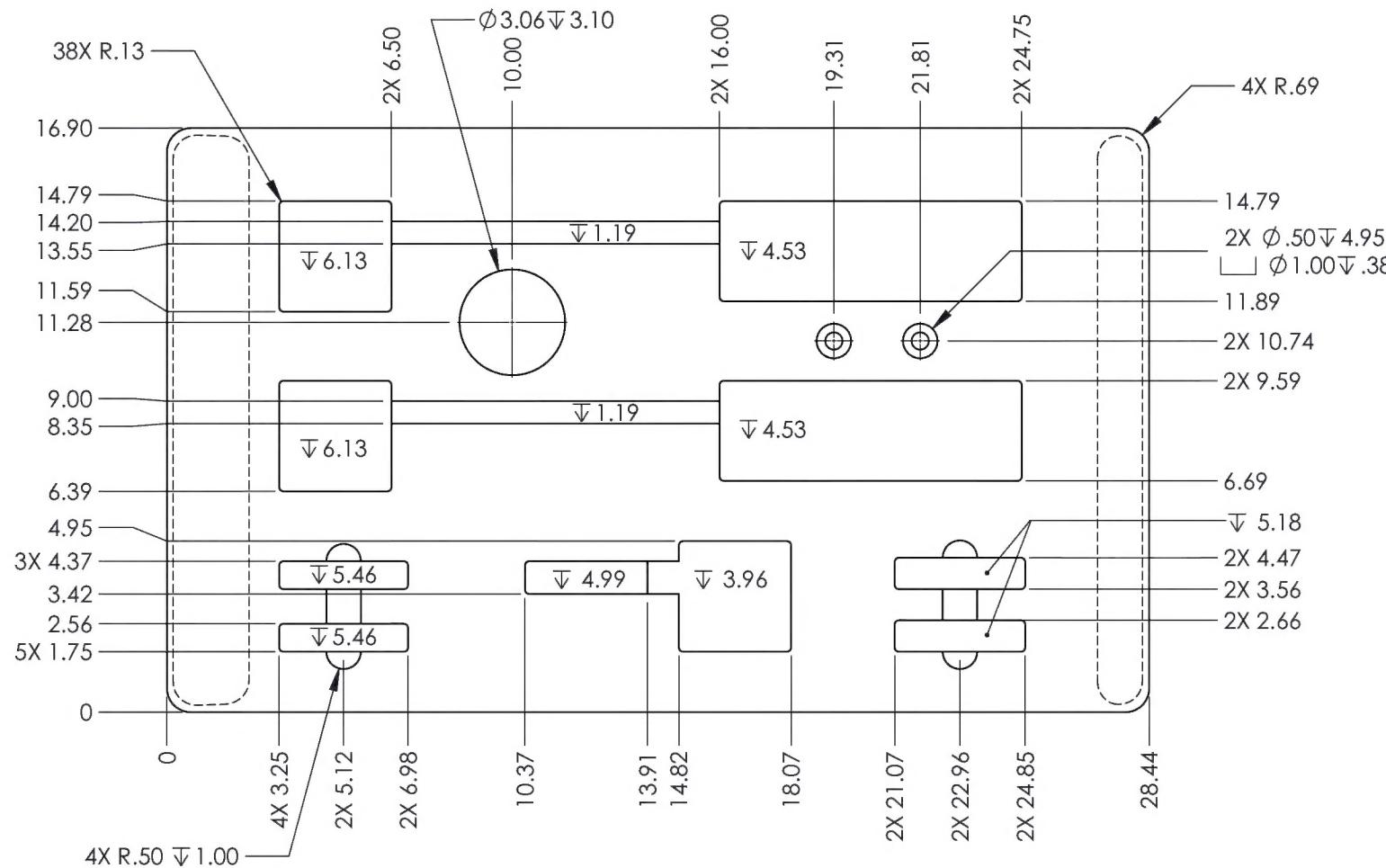
NUT HANDLE

-49

DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO. RBEM721U7107104-49	
REV ?	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.000 ± .010 FRACTIONS ± 1/8	
.00 ± .03 ANGLES ± 1°	
.000 ± .000 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	USED ON MODEL
DATE 3/17/2016	H175
SHEET 26 OF 29	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0174	-87 CH'D DIM WAS 16.29 IS 16.90, WAS ∇ 6.09 IS ∇ 6.13, WAS 4.37 IS 3X 4.37, WAS ∇ 4.84 IS ∇ 4.99, WAS ∇ 3.81 IS ∇ 3.96, WAS ∇ 5.08 IS ∇ 5.18, WAS 2X 2.61 IS 2X 2.66, WAS 2X 3.61 IS 2X 3.56 WAS 4X 4.47 IS 2X 4.47; REMOVED DIM 2X 22.67, 2.34, 3.89; CH'D MATERIAL WAS Y20 BLACK IS ETHAFOAM 220, BLACK.	10/18/2016	SM	JAG



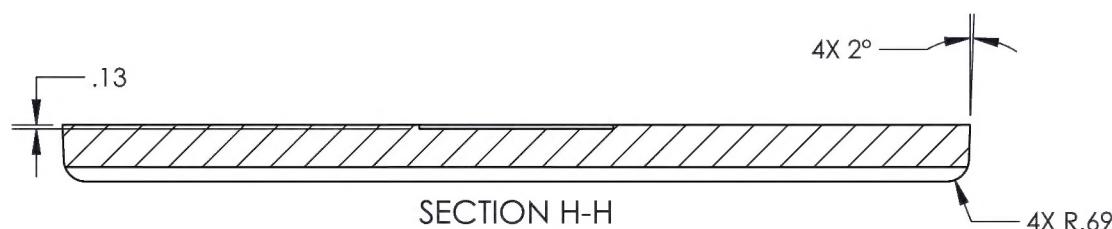
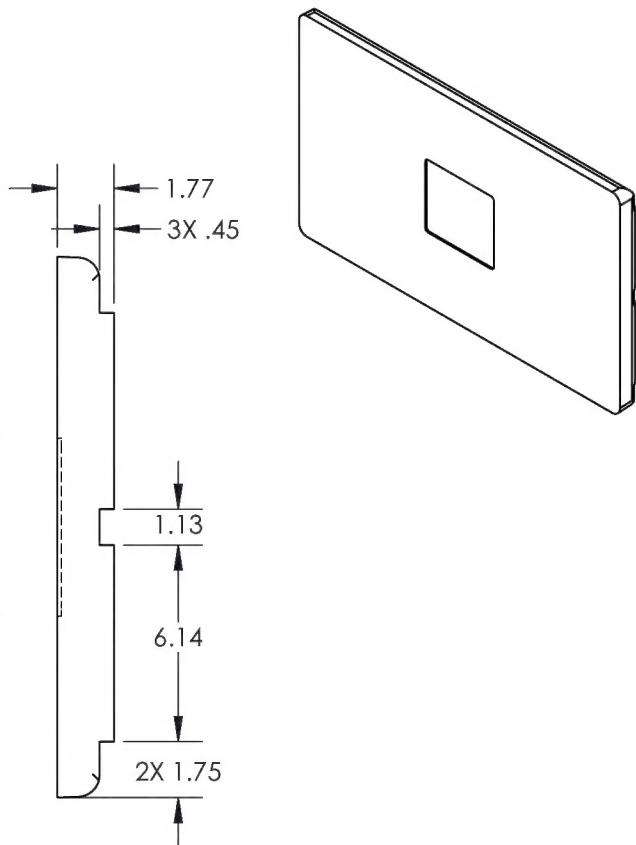
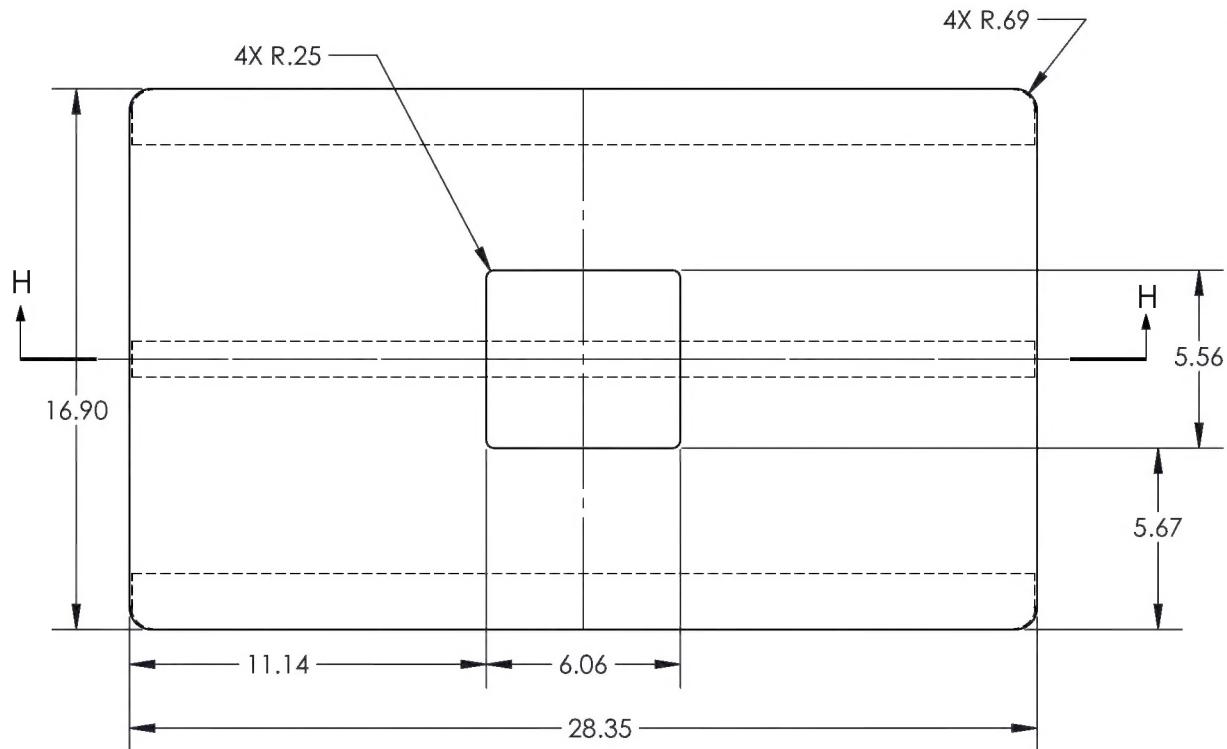
-8

BOTTOM FOAM

 DART AEROSPACE	
TITLE	
ENGINE MOVING DEVICE	
DWG NO.	RBEM721U7107104-87
REV 2	
MATERIAL ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	XXX \pm .010 FRACTIONS \pm 1/8
TREAT	XX \pm .03 ANGLES \pm 1°
FINISH	X \pm .1 SURFACES = 125
SPEC	
1. BREAK ALL SHARP EDGES .015 X 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
SCALE	1:5
DATE	3/17/2016
SHEET 27 OF 29	

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REV			ECR			DESCRIPTION			REVISIONS		
2	16-0174	-89	CH'D MATERIAL WAS Y20 BLACK IS ETHAFOAM 220, BLACK.			DATE	INITIAL	APPROVED	10/18/2016	SM	JAG



SECTION H-H

(-89)

LID FOAM

DART AEROSPACE	
ENGINE MOVING DEVICE	
DWG NO.	RBEM721U7107104-89
REV	2
MAT'L	ETHAFOAM 220, BLACK
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H175
SCALE	1:6
DATE	3/17/2016
SHEET	28 OF 29

DART
AEROSPACE

ENGINE MOVING DEVICE

RBEM721U7107104-89

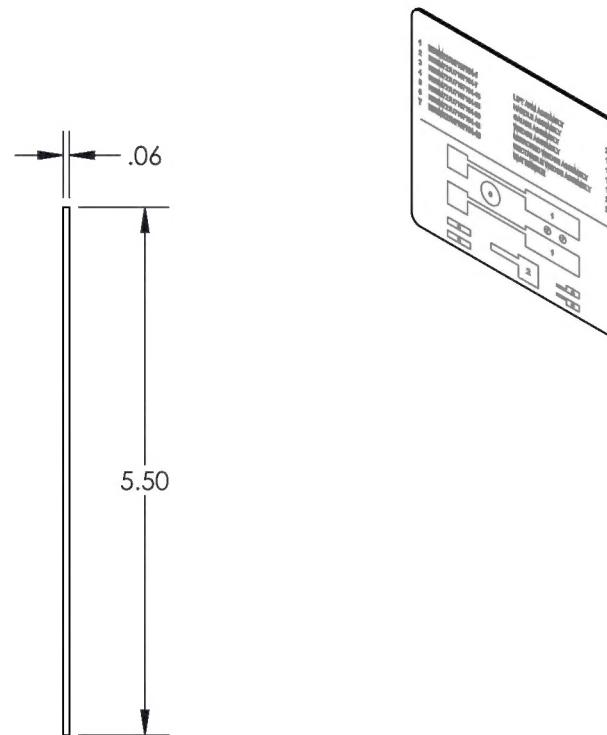
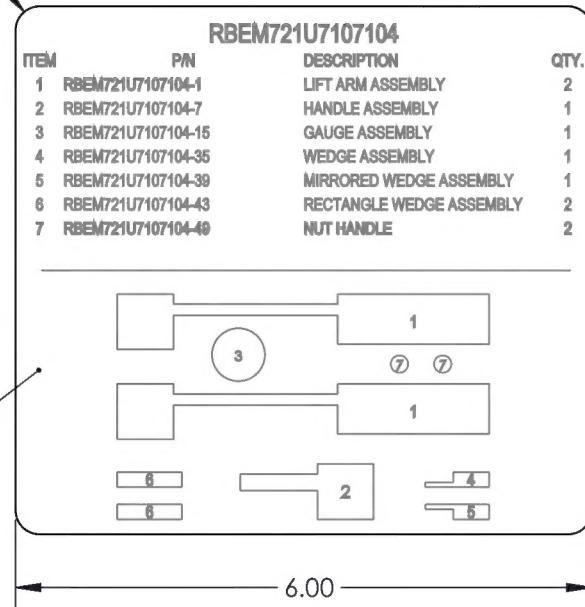
2

MAT'L	ETHAFOAM 220, BLACK	UNLESS OTHERWISE SPECIFIED
HEAT		DIMENSIONS ARE IN INCHES
TREAT		.XXX ± .010 FRACTIONS ± 1/8
FINISH		.XX ± .03 ANGLES ± 1°
SPEC		.X ± .1 SURFACES = 125 ✓
DRAWN BY:	CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED:	DUERFELDT	.015 x 45° OR .015R
OPPS APPR:	ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR:	LINDSAY	AFTER PLATING
APPROVED:	GILBERT	3. INTERPRET DIM AND TOL PER
		ASME Y14.5M-2009
USED ON MODEL		
SCALE	1:6	DATE
		3/17/2016
SHEET	28 OF 29	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0174	-93 CH'D TEXT WAS GUAGE ASSEMBLY IS GAUGE ASSEMBLY, WAS RBEM821U7107104 IS RBEM721U7107104.	10/18/2016	SM	JAG

4X R.25



NOTE:
USE PDF TO MAKE PLACARD.

(-93)

INSIDE PLACARD

TITLE		DART AEROSPACE			
DWG NO.		REV			
ENGINE MOVING DEVICE		2			
RBEM721U7107104-93					
MATERIAL PLASTIC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
HEAT TREAT		.XXX ± .010 FRACTIONS ± 1/8			
FINISH		.XX ± .03 ANGLES ± 1°			
SPEC		X ± .1 SURFACES = 125 ✓			
DRAWN BY: CLOUGH		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R			
CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009			
QA APPR: LINDSAY		USED ON MODEL			
APPROVED: GILBERT		H175			
SCALE	1:2	DATE	3/17/2016	SHEET	29 OF 29